

## National Center for Education Statistics PowerStats

---

**Study Name:** *National Postsecondary Student Aid Study: 2016 Graduate Students*

**Subject:** Disabilities

**Label:** Disability: deaf or serious difficulty hearing

**Name:** DIS16A

**Description:** The student has serious difficulty hearing.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.99	No
1	1.00	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Are you deaf or do you have serious difficulty hearing?" [N16FACS16A] This item is based on the American Community Survey, which refers to the owner or renter of the property being surveyed and asks, "Is this person deaf or does he/she have serious difficulty hearing?" The response options were "Yes" or "No."

**Applies to:** All respondents.

**Subject:** Disabilities

**Label:** Disability: blind or serious difficulty seeing

**Name:** DIS16B

**Description:** The student has serious difficulty seeing.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	99.35	No
1	0.65	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Are you blind or do you have serious difficulty seeing even when wearing glasses?" [N16FACS16B] This item is based on the American Community Survey, which refers to the owner or renter of the property being surveyed and asks, "Is this person blind or does he/she have serious difficulty seeing even when wearing glasses?" The response options were "Yes" or "No."

**Applies to:** All respondents.

**Subject:** Disabilities

**Label:** Disability: serious difficulty walking or climbing stairs

**Name:** DIS17B

**Description:** The student has serious difficulty walking or climbing stairs.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.29	No
1	1.71	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you have serious difficulty walking or climbing stairs?" [N16FACS17B] This item is based on the American Community Survey, which refers to the owner or renter of the property being surveyed and asks, "Does this person have serious difficulty walking or climbing stairs?" The response options were

"Yes" or "No".

**Applies to:** All respondents.

**Subject:** Disabilities

**Label:** Disability: has some type of disability

**Name:** DISABIL2

**Description:** Student has some type of disability or condition. When answering the question about having serious difficulty concentrating, remembering, or making decisions (DISMNTAL), students were instructed to include but not limit their responses to a serious learning disability, depression, ADD, or ADHD. Due to this change in question wording, the estimates for DISABIL2 should not be compared to estimates for DISABLE from prior NPSAS administrations.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	88.03	No
1	11.97	Yes

Weight used in frequency: (WTA000)

**Notes:** Indicates student has a long-lasting condition such as serious difficulty hearing (DIS16A=1); blindness or serious difficulty seeing (DIS16B=1); difficulty concentrating, remembering or making decisions (DISMNTAL=1); or serious difficulty walking or climbing stairs (DIS17B=1). Note: In NPSAS:16, examples of difficulty concentrating, remembering or making decisions were added to the interview question wording. When answering this question, students were instructed to include but not limit their responses to a serious learning disability, depression, ADD, or ADHD. Due to this change in question wording, the estimates for DISABIL2 should not be compared to estimates for DISABLE from prior NPSAS administrations.

**Code:** IF DIS16A=1 OR DIS16B=1 OR DISMNTAL=1 OR DIS17B=1 THEN DISABIL2=1;  
ELSE DISABIL2=0;

**Applies to:** All respondents.

**Subject:** Disabilities

**Label:** Disability: serious difficulty concentrating, remembering, deciding

**Name:** DISMNTAL

**Description:** The student has difficulty concentrating, remembering or making decisions, including but not limited to, a serious learning disability, depression, ADD, or ADHD. Due to differences in question wording, the estimates for DISMNTAL should not be compared to estimates for DIS17A from prior NPSAS administrations.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	90.32	No
1	9.68	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the interview item, "Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions? (When answering consider conditions including, but not limited to, a serious learning disability, depression, ADD, or ADHD.)" [N16FACS17A]. In NPSAS:16, the parenthetical examples of eligible conditions were added to the interview question wording. Due to these differences in question wording, the estimates for DISMNTAL should not be compared to estimates for DIS17A from prior NPSAS administrations. The interview item was originally based on the American Community Survey, which refers to the owner or renter of the property being surveyed and asks, "Because of a physical, mental, or emotional condition, does this person have serious difficulty concentrating, remembering, or making decisions?" The response options were "Yes" or "No."

**Applies to:** All respondents.

**Subject:** Disabilities

**Label:** Disability: main type of condition or impairment

**Name:** DISTYPE2

**Description:** The student's main type of condition or impairment.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.74	Hearing impairment
2	0.32	Blindness or visual impairment
3	0.08	Speech or language impairment
4	0.92	Orthopedic or mobility impairment
5	0.40	Specific learning disability or dyslexia
6	3.09	Attention deficit disorder (ADD or ADHD)
7	2.33	Anxiety
8	0.08	Autism, Asperger's syndrome, or other developmental disab.
9	2.01	Depression
10	0.24	Traumatic brain injury (TBI)
11	1.77	Other
-3	88.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview questions: "What is the main type of condition or impairment you have? " [N16FMAIN1] and "What specifically is this main type of condition or impairment?" [N16FMAIN2]

Note: The disability categories in this variable differ from prior NPSAS administrations. Also, in NPSAS:16, examples of difficulty concentrating, remembering or making decisions were added to the interview question wording used to derive DISMTAL. When answering this question, students were instructed to include but not limit their responses to a serious learning disability, depression, ADD, or ADHD. Due to these differences, estimates for DISTYPE2 should not be compared to those for DISTYPES from prior NPSAS administrations.

**Applies to:** Respondents who reported some type of disability (DISABIL2=1).

**Subject:** Education: Attainment

**Label:** Year received bachelor's degree

**Name:** BAYEAR

**Description:** The year the student received a bachelor's degree.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1957.00	2016.00	2008.43	7.28

Weight used in frequency: (WTA000)

**Notes:** The year indicates the calendar year, not the academic year. For example, the year 2015 means any month from January 2015 to December 2015. For a variable that includes the month, use BAYEARM.

**Applies to:** All graduate respondents.

**Subject:** Education: Attainment

**Label:** Year and month received bachelor's degree

**Name:** BAYEARM

**Description:** The year and month the student received a bachelor's degree.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
195708.00	201606.00	200849.24	728.08

Weight used in frequency: (WTA000)

**Notes:** This variable is presented in a YYYYMM format.

**Applies to:** All graduate respondents.

**Subject:** Education: Attainment

**Label:** Prior degree earned since high school

**Name:** DEGPR

**Description:** The student has earned degrees or certificates since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	100.00	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Have you earned any degrees or certificates since high school? (Only include degrees or certificates earned through a college, university, or trade school.)" [N16APRDG]

**Applies to:** All respondents.

**Subject:** Education: Attainment

**Label:** Prior degree: associate's degree

**Name:** DEGPRAA

**Description:** The student has already earned an associate's degree since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	84.68	No
1	15.32	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.) [N16AOTAS]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: 4-year bachelor's degree

**Name:** DEGPRBA

**Description:** The student has already earned a bachelor's degree since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	100.00	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.) [N16AOTBA]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: undergraduate certificate/diploma

**Name:** DEGPRCRT

**Description:** The student has already earned an undergraduate certificate/diploma since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	94.01	No
1	5.99	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.)" [N16AOTCE]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: doctorate or professional degree

**Name:** DEGPRDOC

**Description:** The student has already earned a doctoral or professional practice degree since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	97.91	No
1	2.08	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.)" [N16AOTDR]. This variable includes prior doctoral research degrees, professional practice degrees, and other doctoral degrees. This differs from prior NPSAS studies where these three options were collected separately.

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: master's degree

**Name:** DEGPRMS

**Description:** The student has already earned a master's degree since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	78.46	No
1	21.54	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.)" [N16AOTMA]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: post-BA certificate

**Name:** DEGPRPTB

**Description:** The student has already earned a post-baccalaureate certificate since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	96.68	No
1	3.32	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.) [N16AOTPB]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Prior degree: post-MA certificate

**Name:** DEGPRPTM

**Description:** The student has already earned a post-master's certificate since high school.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.74	No
1	1.26	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What other degrees or certificates have you already earned since high school? (Only include degrees or certificates earned through a college, university, or trade school. Do not include the degree that you are working on at NPSAS.)" [N16AOTPM]

**Applies to:** Respondents who received a prior degree or certificate (DEGPR=1).

**Subject:** Education: Attainment

**Label:** Completed degree program in 2015-16

**Name:** PROGSTAT

**Description:** Indicates whether the student completed or expected to complete a certificate or degree during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	67.56	No
1	32.44	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "yes" if students indicated in the interview that they had completed or expected to complete all requirements for their program during the 2015-16 academic year; or if institutions indicated that the student was expected to complete all requirements for the program by July 2016. Otherwise, this variable was set to "no" if the students or the institutions indicated that they had not or did not expect to complete all requirements for their degree program.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Attendance intensity in fall

**Name:** ATTEND

**Description:** Student's attendance status during the fall term (in September or October 2015).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

0	22.70	Not enrolled
1	46.42	Full-time
2	30.88	Part-time

Weight used in frequency: (WTA000)

**Notes:** If the student was enrolled in September, then the attendance status of September was taken. If the student was not enrolled in September but enrolled in October, then the attendance status of October was taken. Students not enrolled in either September or October were considered not to be enrolled in the fall. NPSAS:16 includes students enrolled at any time between July 1, 2015 and June 30, 2016. Comparisons to IPEDS fall enrollment data should use this variable as a filter.

**Code:** ATTEND=ENR03;

IF ENR03=0 THEN ATTEND=ENR04;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Attendance intensity in fall (half-time)

**Name:** ATTEND2

**Description:** Student's attendance status during the fall term (in September or October, 2015).

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	22.70	Not enrolled
1	46.42	Full-time
2	22.66	Half-time
3	8.22	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** This variable is similar to ATTEND except that it distinguishes part-time enrollment by half-time and less-than-half-time enrollment. If the student was enrolled in September, the attendance status of September was taken. If the student was not enrolled in September but enrolled in October, the attendance status of October was taken. Students who were not enrolled in either September or October were considered not to be enrolled in the fall.

**Code:** ATTEND2=E03;

IF E03=0 THEN ATTEND2=E04;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Attendance intensity (half-time)

**Name:** ATTNPT

**Description:** Student's attendance intensity at all institutions attended in 2015-16 academic year. For all months enrolled from July 2015 through June 2016, indicates whether the student was always enrolled full-time, half-time, less than half-time, or mixed.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	42.66	Exclusively full-time
2	20.84	Exclusively half-time
3	9.22	Exclusively less than half-time
4	27.28	Mixed

Weight used in frequency: (WTA000)

**Code:** IF MFT=ENLEN THEN ATTNPT=1;

ELSE IF MHT=ENLEN THEN ATTNPT=2;

ELSE IF MLT=ENLEN THEN ATTNPT=3;

ELSE ATTNPT=4;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Attendance intensity (all schools)

**Name:** ATTNPTRN

**Description:** Student's attendance intensity at all institutions attended during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	42.66	Exclusively full-time
2	36.85	Exclusively part-time
3	20.49	Mixed full-time and part-time

Weight used in frequency: (WTA000)

**Notes:** For all months enrolled from July 2015 through June 2016, this variable indicates whether the student was always enrolled full-time, part-time, or had a mix of full-time and part-time enrollment.

**Code:** IF MFT=ENLEN THEN ATTNPTRN=1;

ELSE IF MPT=ENLEN THEN ATTNPTRN=2;

ELSE ATTNPTRN=3;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Attendance pattern

**Name:** ATTNSTAT

**Description:** Student's attendance pattern at all institutions attended during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	34.66	Full-time/full year, 1 institution
2	1.62	Full-time/full year, 2 or more institutions
3	13.09	Full-time/part year
4	25.58	Part-time/full year, 1 institution
5	1.21	Part-time/full year, 2 or more institutions
6	23.84	Part-time/part year

Weight used in frequency: (WTA000)

**Notes:** Students were considered to have attended for a full year if they were enrolled 9 or more months during the NPSAS year. Months did not have to be contiguous nor at the same institution, and students did not have to be enrolled for a full month in order to be considered enrolled for that month. Students who were first enrolled in November 2015 or later but who subsequently enrolled full-time are classified as full-time/part year because they were enrolled full-time for less than 9 months during the 12 months of the NPSAS survey year. However, some of these students may have been enrolled continuously for 9 months or more if the enrollment period after June 2016 were included.

**Code:** IF MFT>=9 THEN ATTNSTAT=1;

ELSE IF MFT>0 AND MFT=ENLEN THEN ATTNSTAT=3;

ELSE IF ENLEN>=9 THEN ATTNSTAT=4;

ELSE IF ENLEN>0 THEN ATTNSTAT=6;

IF STUDMULT>1 THEN DO;

IF ATTNSTAT=1 THEN ATTNSTAT=2;

IF ATTNSTAT=4 THEN ATTNSTAT=5;

END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/07



**Name:** E01

**Description:** Monthly enrollment status for July 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	56.57	Not enrolled
1	20.34	Full-time
2	16.06	Half-time
3	7.03	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** E01-E12 represent the enrollment and attendance status of the student during each of the 12 months from July 2015 to June 2016. This set of enrollment status variables separated part-time enrollment status into half-time and less than half-time, whereas ENR01-ENR12 considered any non-full-time enrollment status as part-time. The enrollment status categories are not the same in the student interview and in the administrative data sources (student records, NSC, and NSLDS). In the student interview, respondents are asked to indicate which months they were enrolled, and then to summarize their attendance in these months as mostly full time, mostly part time, or an equal mix. In the administrative data sources, institutions typically report enrollment beginning and ending dates of each term the student was enrolled and designate a status of enrollment for that period, like full-time, 3/4-time, half-time, or less-than-half-time attendance. This set of enrollment status variables separated part-time enrollment status into half-time and less than half-time, whereas ENR01-ENR12 considered any non-full-time enrollment status as part-time. See ENR01 for more description.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/08

**Name:** E02

**Description:** Monthly enrollment status for August 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	27.31	Not enrolled
1	42.45	Full-time
2	22.65	Half-time
3	7.59	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/09

**Name:** E03

**Description:** Monthly enrollment status for September 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	24.12	Not enrolled
1	45.46	Full-time
2	22.30	Half-time

3	8.11	Less than half-time
---	------	---------------------

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/10

**Name:** E04

**Description:** Monthly enrollment status for October 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.96	Not enrolled
1	45.82	Full-time
2	22.13	Half-time
3	8.09	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/11

**Name:** E05

**Description:** Monthly enrollment status for November 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.78	Not enrolled
1	45.91	Full-time
2	22.12	Half-time
3	8.19	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2015/12

**Name:** E06

**Description:** Monthly enrollment status for December 2015.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	24.24	Not enrolled
1	45.47	Full-time
2	22.04	Half-time
3	8.25	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/01

**Name:** E07

**Description:** Monthly enrollment status for January 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	20.40	Not enrolled
1	47.22	Full-time
2	23.39	Half-time
3	8.99	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/02

**Name:** E08

**Description:** Monthly enrollment status for February 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	21.76	Not enrolled
1	46.20	Full-time
2	23.03	Half-time
3	9.01	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/03

**Name:** E09

**Description:** Monthly enrollment status for March 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	20.82	Not enrolled
1	46.77	Full-time
2	23.21	Half-time
3	9.20	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/04

**Name:** E10

**Description:** Monthly enrollment status for April 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	22.38	Not enrolled
1	45.51	Full-time
2	22.94	Half-time
3	9.17	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/05

**Name:** E11

**Description:** Monthly enrollment status for May 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	25.97	Not enrolled
1	44.27	Full-time
2	21.50	Half-time
3	8.26	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status (half-time) 2016/06

**Name:** E12

**Description:** Monthly enrollment status for June 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	62.13	Not enrolled
1	20.72	Full-time
2	12.13	Half-time
3	5.01	Less than half-time

Weight used in frequency: (WTA000)

**Notes:** See E01.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Number of total months enrolled

**Name:** ENLEN

**Description:** Number of months enrolled between July 2015 and June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	8.47	3.18

Weight used in frequency: (WTA000)

**Notes:** See ENR01 for additional information.

**Code:** ARRAY ENR{12} ENR01-ENR12;

ENLEN=0;

DO I=1 TO 12;

IF ENR{I}>0 THEN ENLEN+1;

END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/07

**Name:** ENR01

**Description:** Monthly enrollment status for July 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	56.57	Not enrolled
1	20.34	Full-time
2	23.09	Part-time

Weight used in frequency: (WTA000)

**Notes:** The enrollment status categories are not the same in the student interview and in the administrative data sources (student records, NSC, and NSLDS). In the student interview, respondents are asked to indicate which months they were enrolled, and then to summarize their attendance in these months as mostly full time, mostly part time, or an equal mix. These categories are then assigned to all the months enrolled. In the administrative data sources, institutions typically report enrollment beginning and ending dates of each term the student was enrolled and designate a status of enrollment for that period, like full-time, 3/4-time, half- time, or less-than-half-time attendance. For this variable, all categories less than full-time were combined as "part-time" to be equivalent to the student-reported categories. The student interview has the following categories: - full-time: mostly full-time enrollment- part-time: mostly part-time enrollment- mixed: equal mix of full-time and part-time enrollment- enrolled but status unknown. The administrative sources have the following categories: - full-time- 3/4-time - half-time - less than half-time. In cases where the student interview reported mixed or enrolled but status unknown, the administrative sources were used to resolve enrollment intensity in those months. For a set of variables that further distinguishes part-time as half-time or less than half-time see E01-E12.

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/08

**Name:** ENR02

**Description:** Monthly enrollment status for August 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	27.31	Not enrolled
1	42.45	Full-time
2	30.24	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/09

**Name:** ENR03

**Description:** Monthly enrollment status for September 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	24.12	Not enrolled
1	45.46	Full-time
2	30.42	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/10

**Name:** ENR04

**Description:** Monthly enrollment status for October 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.96	Not enrolled
1	45.82	Full-time
2	30.22	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/11

**Name:** ENR05

**Description:** Monthly enrollment status for November 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.78	Not enrolled
1	45.91	Full-time

2	30.31	Part-time
---	-------	-----------

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2015/12

**Name:** ENR06

**Description:** Monthly enrollment status for December 2015. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	24.24	Not enrolled
1	45.47	Full-time
2	30.29	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/01

**Name:** ENR07

**Description:** Monthly enrollment status for January 2016. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	20.40	Not enrolled
1	47.22	Full-time
2	32.38	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/02

**Name:** ENR08

**Description:** Monthly enrollment status for February 2016. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	21.76	Not enrolled
1	46.20	Full-time
2	32.03	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/03

**Name:** ENR09

**Description:** Monthly enrollment status for March 2016. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	20.82	Not enrolled
1	46.77	Full-time
2	32.41	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/04

**Name:** ENR10

**Description:** Monthly enrollment status for April 2016. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	22.38	Not enrolled
1	45.51	Full-time
2	32.11	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/05

**Name:** ENR11

**Description:** Monthly enrollment status for May 2016. ENR01-ENR12 represent the enrollment and attendance status of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	25.97	Not enrolled
1	44.27	Full-time
2	29.76	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Monthly enrollment status 2016/06

**Name:** ENR12

**Description:** Monthly enrollment status for June 2016. ENR01-ENR12 represent the enrollment and attendance status



of the student during each of the 12 months of the 2015-16 academic year, from July 2015 to June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	62.13	Not enrolled
1	20.72	Full-time
2	17.14	Part-time

Weight used in frequency: (WTA000)

**Notes:** See ENR01

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Enrolled any time between July and December, 2015

**Name:** ENRFALL

**Description:** Student was enrolled during the July 2015 through December 2015 term.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	11.35	No
1	88.65	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "1" if the student was enrolled in any months between July 2015 through December 2015.

**Code:** F=SUM(OF ENR01 ENR02 ENR03 ENR04 ENR05 ENR06);

IF F=0 THEN ENRFALL=0;

ELSE IF F>0 THEN ENRFALL=1;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Enrolled any time between January and June, 2016

**Name:** ENRSPR

**Description:** Student was enrolled during the January 2016 through June 2016 term.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	15.07	No
1	84.92	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "1" if the student was enrolled in any months between January 2016 through June 2016.

**Code:** S=SUM(OF ENR07 ENR08 ENR09 ENR10 ENR11 ENR12);

IF S=0 THEN ENRSPR=0;

ELSE IF S>0 THEN ENRSPR=1;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Enrollment pattern

**Name:** ENRSTAT

**Description:** Student's enrollment pattern during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	53.68	Enrolled mostly full-time
2	43.54	Enrolled mostly part-time
3	2.77	Enrolled full-time & part-time equally

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "1" if the number of full-time months (MFT) was greater than the number of part-time months (MPT); set to "2" if the number of full-time months (MFT) was less than the number of part-time months (MPT); set to "3" if the student was enrolled an equal number of full-time and part-time months.

**Code:** IF MFT>MPT THEN ENRSTAT=1;  
ELSE IF MPT>MFT THEN ENRSTAT=2;  
ELSE IF MFT=MPT THEN ENRSTAT=3;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Years between BA and graduate school

**Name:** GRADGAP

**Description:** The number of years between receiving a bachelor's degree and beginning graduate or doctor's degree-professional practice studies.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	77.18	Positive values, see statistics below
0	20.40	{Zero}
-3	2.43	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	57.00	7.02	7.14

Weight used in frequency: (WTA000)

**Notes:** This variable subtracts the year of bachelor's degree completion (BAYEAR) from the year of starting a graduate program (GRADPYR), which is consistent with past NPSAS studies but does not take months into account. A student who completed a bachelor's degree in December and started a graduate program the next month (January), for example, would have a value of GRADGAP = 1. For a measure that accounts for the months of completion and enrollment, use GRADGAPM.

**Code:** IF GRADPYR=-3 THEN GRADGAP=-3;  
ELSE GRADGAP=GRADPYR-BAYEAR;

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Attendance

**Label:** Months between BA and graduate school

**Name:** GRADGAPM

**Description:** The number of months between receiving a bachelor's degree and beginning graduate or doctor's degree-professional practice studies.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	93.20	Positive values, see statistics below
0	4.38	{Zero}
-3	2.43	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	684.00	69.71	83.85

Weight used in frequency: (WTA000)

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Attendance

**Label:** Graduate degree and attendance pattern

**Name:** GRADSTAT

**Description:** The combination of type of graduate degree program (GRADDEG) and attendance pattern at all institutions (ATTNSTAT).

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	20.41	Master's degree, full-time/full year
2	10.07	Master's degree, full-time/part year
3	20.57	Master's degree, part-time/full year
4	17.49	Master's degree, part-time/part year
5	5.69	Doctor's degree - research/scholarship/other, full-time/full year
6	1.30	Doctor's degree - research/scholarship/other, full-time/part year
7	3.06	Doctor's degree - research/scholarship/other, part-time/full year
8	1.63	Doctor's degree - research/scholarship/other, part-time/part year
9	8.96	Doctor's degree - professional practice, full-time/full year
10	0.82	Doctor's degree - professional practice, full-time/part year
11	0.99	Doctor's degree - professional practice, part-time/full year
12	0.49	Doctor's degree - professional practice, part-time/part year
13	1.15	Post-BA/master's, full-time/full year
14	0.75	Post-BA/master's, full-time/part year
15	1.82	Post-BA/master's, part-time/full year
16	2.36	Post-BA/master's, part-time/part year
17	0.08	No degree, full-time/full year
18	0.14	No degree, full-time/part year
19	0.35	No degree, part-time/full year
20	1.86	No degree, part-time/part year

Weight used in frequency: (WTA000)

**Code:** IF GRADDEG=-3 THEN GRADSTAT=-3;

IF GRADDEG=1 THEN DO;

IF ATTNSTAT IN (1,2) THEN GRADSTAT=1;

IF ATTNSTAT=3 THEN GRADSTAT=2;

IF ATTNSTAT IN (4,5) THEN GRADSTAT=3;

IF ATTNSTAT=6 THEN GRADSTAT=4;

END;

```

IF GRADDEG IN (3,5) THEN DO;
IF ATTNSTAT IN (1,2) THEN GRADSTAT=5;
IF ATTNSTAT=3 THEN GRADSTAT=6;
IF ATTNSTAT IN (4,5) THEN GRADSTAT=7;
IF ATTNSTAT=6 THEN GRADSTAT=8; END;
IF GRADDEG=4 THEN DO;
IF ATTNSTAT IN (1,2) THEN GRADSTAT=9;
IF ATTNSTAT=3 THEN GRADSTAT=10;
IF ATTNSTAT IN (4,5) THEN GRADSTAT=11;
IF ATTNSTAT=6 THEN GRADSTAT=12;
END;
IF GRADDEG=2 THEN DO;
IF ATTNSTAT IN (1,2) THEN GRADSTAT=13;
IF ATTNSTAT=3 THEN GRADSTAT=14;
IF ATTNSTAT IN (4,5) THEN GRADSTAT=15;
IF ATTNSTAT=6 THEN GRADSTAT=16;
END;
IF GRADDEG=6 THEN DO;
IF ATTNSTAT IN (1,2) THEN GRADSTAT=17;
IF ATTNSTAT=3 THEN GRADSTAT=18;
IF ATTNSTAT IN (4,5) THEN GRADSTAT=19;
IF ATTNSTAT=6 THEN GRADSTAT=20;
END;

```

**Applies to:** All graduate respondents.

**Subject:** Education: Attendance

**Label:** Number of full-time months enrolled

**Name:** MFT

**Description:** Number of months enrolled full-time between July 2015 and June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	63.15	Positive values, see statistics below
0	36.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	7.86	3.34

Weight used in frequency: (WTA000)

**Notes:** See ENR01 for additional information.

**Code:** ARRAY ENR{12} ENR01-ENR12;

MFT=0;

DO I=1 TO 12;

IF ENR{I}=1 THEN MFT+1;

END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Months enrolled half-time

**Name:** MHT

**Description:** Number of months enrolled half-time between July 2015 and June 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	44.74	Positive values, see statistics below
0	55.26	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	5.67	3.50

Weight used in frequency: (WTA000)

**Notes:** See E01 for additional information.

**Code:** MHT=0;

DO I=1 TO 12;

IF E{I}=2 THEN MHT+1;

END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Months enrolled less than half-time

**Name:** MLT

**Description:** Number of months enrolled less than half-time between July 2015 and June 2016.

**Source:** NPSAS:16 Student Records, NSC:16, NSLDS:16, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	21.11	Positive values, see statistics below
0	78.89	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	4.59	3.08

Weight used in frequency: (WTA000)

**Notes:** See E01 for additional information.

**Code:** MLT=0;

DO I=1 TO 12;

IF E{I}=3 THEN MLT+1;

END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Number of part-time months enrolled

**Name:** MPT

**Description:** Number of months enrolled part-time between July 2015 and June 2016.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	57.34	Positive values, see statistics below
0	42.66	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	6.11	3.59

Weight used in frequency: (WTA000)

**Notes:** See ENR01 for additional information.

**Code:** ARRAY ENR{12} ENR01-ENR12;

MPT=0;

DO I=1 TO 12;

IF ENR{I}=2 THEN MPT+1;  
END;

**Applies to:** All respondents.

**Subject:** Education: Attendance

**Label:** Number of institutions attended

**Name:** STUDMULT

**Description:** Number of institutions attended during the 2015-16 academic year. May be sequential or simultaneous.

**Source:** NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1.00	6.00	1.05	0.23

Weight used in frequency: (WTA000)

**Notes:** Based primarily on the student interview. If National Student Loan Data System (NSLDS) indicated that the student received federal financial aid from a number of institutions that was greater than indicated in the student interview, then the NSLDS record was used. If both NSLDS and the student interview indicated the student only attended one institution, but the National Student Clearinghouse (NSC) data indicated more than one, then NSC data were used.

**Applies to:** All respondents.

**Subject:** Education: Courses

**Label:** Distance education: entire program at NPSAS was online

**Name:** DISTALL

**Description:** The student's entire degree program at NPSAS was taught online.

**Source:** NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	70.99	No
1	26.59	Yes
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Is your entire degree program at NPSAS online?" [N16BONLINEP]. Respondents whose NPSAS institution offered exclusively online education (see DISTNCED) were set to "yes." To compare NPSAS:12 with NPSAS:16, ALTONLN2 in NPSAS:12 should be recoded so that skipped cases (-3) are classified as "No." To compare DISTALL in NPSAS:08 with NPSAS:16, students not in a degree program (GRADDEG=6) should be removed, and DISTALL from NPSAS:08 should be recoded so that skipped cases (-3) are classified as "No."

**Applies to:** Respondents who were in a degree program.

**Subject:** Education: Courses

**Label:** Distance education: any classes taken at NPSAS taught entirely online

**Name:** DISTEDUC

**Description:** Any of the student's classes at NPSAS were taught entirely online in the 2015-16 academic year.

**Source:** NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	54.48	No
1	45.52	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In the 2015-2016 school year, were any of your classes at NPSAS taught entirely online?" [N16BALLONLIN]. Respondents whose NPSAS institution offered exclusively online education (see DISTNCED) were set to "yes." This variable differs from ALTONLN in NPSAS:12, which measured whether students had taken all, some, or none of their NPSAS classes completely online. To compare NPSAS:12 with NPSAS:16, ALTONLN in NPSAS:12 should be recoded so that skipped cases (-3) are classified as "None."

**Applies to:** All respondents.

**Subject:** Education: Experiences

**Label:** Ever studied abroad during undergraduate education

**Name:** STABEVR

**Description:** Indicates whether the student ever studied abroad during undergraduate education

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	83.04	No
1	16.96	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "During your undergraduate education, did you ever study abroad?" [N16BSABEVR]

**Applies to:** All respondents.

**Subject:** Education: Experiences

**Label:** Study abroad region

**Name:** STABREG

**Description:** Indicates the region in which the student studied abroad during undergraduate education

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.90	Africa, Sub-Saharan
2	2.72	Asia
3	8.54	Europe
4	2.23	Latin America & Caribbean
5	0.77	Middle East & North Africa
6	0.89	North America
7	0.92	Australia/Oceania
-3	83.04	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview question: "In which country did you study abroad? (Enter your country and select from the resulting options. If you studied abroad in more than one country, indicate the last country in which you studied abroad.)" [N16BSABCOUNT]. Countries were categorized based on Open Doors data from the Institute of International Education (<http://www.iie.org/Research-and-Publications/Open-Doors/Data/US-Study-Abroad/All-Destinations/2012-14>).

**Applies to:** Respondents who studied abroad during undergraduate education (STABEVR = 1).

**Subject:** Education: Experiences

**Label:** Length of time studied abroad

**Name:** STABTIME

**Description:** Indicates the length of time studied abroad during undergraduate education.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	3.63	One month (4 weeks) or less
2	9.32	More than one month, but less than one year
3	4.01	More than one year
-3	83.04	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "How long did you study abroad in [the last country you visited]?" [N16BSALENMT, N16BSALENTIM]. These responses were collected in two parts: The amount of time studied abroad and the time frame for that travel, reported in years, terms or semesters, months, or weeks.

**Applies to:** Respondents who studied abroad during undergraduate education (STABEVR = 1).

**Subject:** Education: Program

**Label:** Graduate degree program

**Name:** GRADDEG

**Description:** Indicates the general type of graduate degree program in which the student was enrolled during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	68.54	Master's degree
2	6.09	Post-baccalaureate or post-master's certificate
3	10.46	Doctor's degree - research/scholarship
4	11.26	Doctor's degree - professional practice
5	1.21	Doctor's degree - other
6	2.43	Not in a degree program

Weight used in frequency: (WTA000)

**Notes:** Doctor's degree-professional practice programs include chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine. First based on the student interview; if not available, then the student records were used. If both were not available, the federal financial aid application was used. If these three sources were not available then the National Student Clearinghouse data were used. Sources that indicated the student was in a degree program were chosen over sources that indicated the student was not in a degree program.

**Applies to:** All graduate respondents.

**Subject:** Education: Program

**Label:** Graduate degree programs

**Name:** GRADGPG

**Description:** The detailed graduate and doctor's degree-professional practice program in which the student was enrolled in the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.43	Not in a degree program
1	21.43	Master of Science (MS)
2	8.17	Master of Arts (MA)
3	9.62	Master of Education or Teaching
4	10.36	Master of Business Administration (MBA)



5	1.31	Master of Public Admin or Policy
6	2.37	Master of Social Work (MSW)
7	1.13	Master of Fine Arts (MFA)
8	1.18	Master of Public Health (MPH)
9	12.96	Other masters degree program
10	7.57	Doctor of Philosophy (PhD)
11	1.50	Doctor of Education (EdD)
12	0.39	Doctor of Science or Engineering
13	0.58	Doctor of Psychology (PsyD)
14	0.29	Doctor of Business or Public Admin
15	0.02	Doctor of Fine Arts (DFA)
16	0.03	Doctor of Theology (ThD)
17	2.43	Other Doctor's Degree
18	0.99	Ministry or Divinity
19	2.54	Law (LLB or JD)
20	2.16	Medicine or Osteopathic Medicine
21	0.82	Dentistry (DDS, DMD)
22	0.26	Chiropractic (DC, DCM)
23	1.06	Pharmacy (PharmD)
24	0.12	Optometry (OD)
25	0.03	Podiatry (DPM, DP, PodD)
26	0.28	Veterinary Medicine (DVM)
27	1.85	Other professional practice doctoral degree
28	6.09	Post-baccalaureate certificate

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview; if not available, based on the student records. See GRADPGM for a collapsed version of this variable.

**Applies to:** All graduate respondents.

**Subject:** Education: Program

**Label:** Graduate class level

**Name:** GRADLVL

**Description:** Graduate class level during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.43	Not in a degree program
1	45.07	First year
2	33.37	Second year

3	10.52	Third year
4	8.61	Fourth year or higher

Weight used in frequency: (WTA000)

**Notes:** This variable gives priority to the student-reported class level in the interview. If not available, the school-reported class level was used. If both were not available, the National Student Loan Data System federal loan records were used.

**Applies to:** All graduate respondents.

**Subject:** Education: Program

**Label:** Graduate field of study

**Name:** GRADMAJ

**Description:** The student's graduate major or field of study during the 2015-16 academic year with STEM categories.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	7.88	Humanities
2	7.08	Social/behavioral sciences
3	5.54	Life and physical sciences
4	10.50	Math/Engineering/Computer science
5	17.00	Education
6	16.65	Business/management
7	19.60	Health
8	3.71	Law
9	9.61	Others
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** This variable is the condensed version of MAJORS. It is similar to MAJORSGR except for the following aggregations that make it easier to differentiate STEM fields: Physical Sciences, Agriculture and related sciences, and Science technologies groupings (MAJORS in 1, 25, 26) are included with Life sciences; History (37) is classified with Humanities; Geography (41) with Social Sciences; and Multi/interdisciplinary studies (21) and Parks, recreation, and fitness studies (22) are classified with Others. A list of STEM fields supported by NSF and their associated CIP codes is at [https://ncesdata.nsf.gov/nsf/srs/webcasp/data/CIP2010FLD\\_HELP.xls](https://ncesdata.nsf.gov/nsf/srs/webcasp/data/CIP2010FLD_HELP.xls).

**Code:** IF STYPELST=1 THEN GRADMAJ=-3;  
ELSE IF MAJORS=-3 THEN GRADMAJ=-3;  
ELSE IF MAJORS IN (4,12,15,16,23,24,34,37) THEN GRADMAJ=1;  
ELSE IF MAJORS IN (27,40,41,42,43,44,45) THEN GRADMAJ=2;  
ELSE IF MAJORS IN (1,2,18,25,26,38) THEN GRADMAJ=3;  
ELSE IF MAJORS IN (7,10,11,19) THEN GRADMAJ=4;  
ELSE IF MAJORS=9 THEN GRADMAJ=5;  
ELSE IF MAJORS=36 THEN GRADMAJ=6;  
ELSE IF MAJORS=35 THEN GRADMAJ=7;  
ELSE IF MAJORS=14 THEN GRADMAJ=8;  
ELSE GRADMAJ=9;

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Program

**Label:** Graduate programs

**Name:** GRADPGM

**Description:** The general type of graduate and doctor's degree-professional practice programs in which the student was enrolled during the 2015-16 academic year. See GRADGPG for a more detailed breakdown of programs.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.43	Not in a degree program
1	10.33	Business administration (MBA)
2	13.74	Education (any master's)
3	7.10	Other master of arts (MA)
4	19.94	Other master of science (MS)
5	17.43	Other master's degree
6	6.86	PhD except in education
7	2.35	Education (any doc/post-BA/post-MA certificate)
8	3.61	Other doctoral degree
9	2.16	Medicine (MD)
10	2.57	Other health science degree
11	2.54	Law (LLB or JD)
12	0.99	Theology (MDiv, MHL, BD)
13	1.85	Other professional practice doctoral degree
14	6.09	Post-baccalaureate certificate

Weight used in frequency: (WTA000)

**Code:** IF GRADGPG=-3 THEN GRADPGM=-3;  
ELSE IF GRADGPG=0 THEN GRADPGM=0;  
ELSE IF GRADGPG=3 OR GRADDEG=1 AND MAJORS=9 THEN GRADPGM=2;  
ELSE IF GRADGPG=4 THEN GRADPGM=1;  
ELSE IF GRADGPG=2 THEN GRADPGM=3;  
ELSE IF GRADGPG=1 THEN GRADPGM=4;  
ELSE IF 5<=GRADGPG<=9 THEN GRADPGM=5;  
ELSE IF GRADGPG=11 OR GRADDEG IN (3,5) AND MAJORS=9 THEN GRADPGM=7;  
ELSE IF GRADGPG=10 THEN GRADPGM=6;  
ELSE IF 12<=GRADGPG<=17 THEN GRADPGM=8;  
ELSE IF GRADGPG=20 THEN GRADPGM=9;  
ELSE IF 21<=GRADGPG<=26 THEN GRADPGM=10;  
ELSE IF GRADGPG=19 THEN GRADPGM=11;  
ELSE IF GRADGPG=18 THEN GRADPGM=12;  
ELSE IF GRADGPG=27 THEN GRADPGM=13;  
ELSE IF GRADGPG=28 THEN GRADPGM=14;

**Applies to:** All graduate respondents.

**Subject:** Education: Program

**Label:** Year and month began graduate degree

**Name:** GRADPYM

**Description:** The year and month the student began graduate studies.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	97.57	Positive values, see statistics below
-3	2.43	{Skipped}

Minimum	Maximum	Average	Standard Deviation
198808.00	201606.00	201415.21	165.03

Weight used in frequency: (WTA000)

**Notes:** This variable is presented in a YYYYMM format. Based on the student interview.

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Program

**Label:** Year began graduate degree

**Name:** GRADPYR

**Description:** The year the student began graduate studies.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	97.57	Positive values, see statistics below
-3	2.43	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1988.00	2016.00	2014.09	1.66

Weight used in frequency: (WTA000)

**Notes:** The year indicates the calendar year, not the academic year. For example, the year 2015 means any month from January 2015 to December 2015. Respondents who were not in a degree program were skipped. For a variable that incorporates the months of enrollment, use GRADPYM.

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Program

**Label:** Highest level of education ever expected

**Name:** HIGHLVEX

**Description:** The highest level of education that the student ever expects to complete.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
4	0.24	Bachelor's degree
5	8.74	Post-BA or post-master certificate
6	41.16	Master's degree
7	12.80	Doctor's degree - professional practice
8	37.06	Doctor's degree - research/scholarship and other

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What is the highest level of education you ever expect to complete at any school?" [N16BEXPEVR]. Students in research doctoral degree programs were set to that degree type for this variable. Students who reported a degree lower than one they were enrolled in during the NPSAS year were set to missing and imputed.

**Applies to:** All respondents.

**Subject:** Education: Program

**Label:** Major field of study classified by the National Science Foundation (NSF)

**Name:** MAJORNSF

**Description:** Indicates the student's major field of study during the 2015-16 academic year based on NSF classifications.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	24.29	Science, engineering, and math
2	8.86	Psychology and other social science
3	10.55	Health and medicine
4	53.88	Other field of study not supported by NSF
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on Classification of Instructional Programs (CIP) code of student's major. A list of majors classified by NSF and their associated CIP codes can be found online at [https://ncesdata.nsf.gov/nsf/srs/webcasp/data/CIP2010FLD\\_HELP.xls](https://ncesdata.nsf.gov/nsf/srs/webcasp/data/CIP2010FLD_HELP.xls). For a classification of science, technology, engineering, and mathematics (STEM) majors that is consistent with NPSAS studies prior to 2012, see STEMMAJ.

**Applies to:** Respondents who were in a degree program.

**Subject:** Education: Program

**Label:** Field of study or major (detailed)

**Name:** MAJORS

**Description:** Student's major or field of study during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.47	Agriculture and related sciences
2	0.47	Natural resources and conservation
3	0.64	Architecture, planning, related services
4	0.28	Area, ethnic, and gender studies
5	1.11	Communication and journalism
6	0.11	Communications technologies/technicians
7	3.68	Computer and information sciences
8	0.00	Personal and culinary services
9	17.00	Education
10	5.29	Engineering
11	0.72	Engineering technologies/technicians
12	0.32	Foreign languages and literatures
13	0.34	Family, consumer, and human sciences
14	3.71	Legal professions and studies
15	1.13	English language and literature/letters
16	0.88	Liberal arts, sciences and humanities
17	0.31	Library science
18	2.98	Biological and biomedical sciences
19	0.81	Mathematics and statistics

20	0.09	Military Technologies
21	0.82	Multi/interdisciplinary studies
22	0.72	Parks, recreation, and fitness studies
23	0.52	Philosophy and religious studies
24	2.04	Theology and religious vocations
25	1.28	Physical sciences
26	0.04	Science technologies/technicians
27	4.97	Psychology
28	1.35	Security and protective services
29	3.88	Public administration/social services
30	0.04	Construction trades
31	0.00	Mechanic and repair technologies
32	0.00	Precision production
33	0.09	Transportation and materials moving
34	2.03	Visual and performing arts
35	19.60	Health professions and related sciences
36	16.65	Business, management, and marketing
37	0.69	History
38	0.30	Anthropology
39	0.10	Criminology
40	0.45	Economics
41	0.14	Geography
42	0.34	International relations and affairs
43	0.69	Political science and government
44	0.34	Sociology
45	0.15	Social sciences, other
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** This is a categorical variable is based on majors or fields of study from DERMAJ, which classifies students' majors according to the U.S. Department of Education's Classification of Instructional Programs, 2010 edition (CIP 2010).

**Applies to:** Respondents who were in a degree program.

**Subject:** Education: Program

**Label:** Graduate field of study or major

**Name:** MAJORSGR

**Description:** The student's graduate major or field of study during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	7.19	Humanities
2	7.63	Social/behavioral sciences
3	5.44	Life sciences
4	10.50	Math/Engineering/Computer science
5	17.00	Education
6	16.65	Business/management
7	19.60	Health
8	3.71	Law
9	9.86	Others
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** This variable is the condensed version of MAJORS. See GRADMAJ for aggregations that make it easier to differentiate STEM fields.

**Code:** IF STYPELST=1 or GRADDEG=6 THEN MAJORSGR=-3; /\*  
ELSE IF MAJORS IN (4,12,15,16,23,24,34) THEN MAJORSGR=1;  
ELSE IF MAJORS IN (27,37,40,42,43,44,45) THEN MAJORSGR=2;  
ELSE IF MAJORS IN (2,18,21,22,38,41) THEN MAJORSGR=3;  
ELSE IF MAJORS IN (7,10,11,19) THEN MAJORSGR=4;  
ELSE IF MAJORS=9 THEN MAJORSGR=5;  
ELSE IF MAJORS=36 THEN MAJORSGR=6;  
ELSE IF MAJORS=35 THEN MAJORSGR=7;  
ELSE IF MAJORS=14 THEN MAJORSGR=8;  
ELSE MAJORSGR=9;

**Applies to:** Graduate respondents who were in a degree program (GRADDEG=1,2,3,4,5).

**Subject:** Education: Program

**Label:** Graduate program and largest financial aid type

**Name:** PGMAIDLG

**Description:** Indicates the type of degree program and the student's largest type of financial aid received in 2015-16.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSLDS:16, FAFSA:16, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	22.06	Master's degree or certificate - No aid
2	27.90	Master's degree or certificate - Loans
3	16.32	Master's degree or certificate - Grants
4	4.88	Master's degree or certificate - Other
5	2.29	Doctoral degree - research or other - No aid
6	3.06	Doctoral degree - research or other - Loans
7	3.80	Doctoral degree - research or other - Grants
8	2.05	Doctoral degree - research or other - Other
9	1.65	Doctoral degree - professional practice - No aid
10	7.20	Doctoral degree - professional practice - Loans
11	1.93	Doctoral degree - professional practice - Grants

12	0.13	Doctoral degree - professional practice - Other
-3	6.74	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** The amount of loans (TOTLOAN), grants (TOTGRT), and other aid were compared to determine which was the largest type received by the student. Other aid includes work-study (TOTWKST), assistantships (GRASTAMT), and aid from Veterans' benefits or Department of Defense (VADODAMT).

**Applies to:** Graduate respondents who attended one institution (STUDMULT = 1) and were in a degree or certificate program (GRADDEG < 6).

**Subject:** Education: Program

**Label:** Graduate program and institution type

**Name:** PGMSEC

**Description:** Indicates the type of degree program and the type of institution attended by graduate students during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16, FAFSA:16, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	3.64	Masters degree, public non-doctoral
2	27.98	Masters degree, public doctoral
3	5.56	Masters degree, private nfp non-doctoral
4	24.29	Masters degree, private nfp doctoral
5	5.55	Doctor's degree - research/scholarship/others, public
6	3.97	Doctor's degree - research/scholarship/others, private nfp
7	4.85	Doctor's degree - professional practice, public
8	5.79	Doctor's degree - professional practice, private nfp
9	3.08	Post-BA/masters certificate, public
10	2.54	Post-BA/masters certificate, private nfp
11	1.59	Non-degree, public
12	0.82	Non-degree, private nfp
13	10.34	Private for profit

Weight used in frequency: (WTA000)

**Notes:** Institution control and doctorate-granting status is based on the 2015-16 IPEDS Institutional Characteristics Header data collection.

**Code:** IF GRADDEG=1 AND SECTOR11 IN (3,4) THEN PGMSEC=1;

IF GRADDEG=1 AND SECTOR11=5 THEN PGMSEC=2;

IF GRADDEG=1 AND SECTOR11=7 THEN PGMSEC=3;

IF GRADDEG=1 AND SECTOR11=8 THEN PGMSEC=4;

IF GRADDEG IN (3,5) AND SECTOR11=5 THEN PGMSEC=5;

IF GRADDEG IN (3,5) AND SECTOR11=8 THEN PGMSEC=6;

IF GRADDEG=4 AND SECTOR11 IN (3,4,5) THEN PGMSEC=7;

IF GRADDEG=4 AND SECTOR11 IN (7,8) THEN PGMSEC=8;

IF GRADDEG=2 AND SECTOR11 IN (3,4,5) THEN PGMSEC=9;

IF GRADDEG=2 AND SECTOR11 IN (7,8) THEN PGMSEC=10;

IF GRADDEG=6 AND SECTOR11 IN (3,4,5) THEN PGMSEC=11;

IF GRADDEG=6 AND SECTOR11 IN (7,8) THEN PGMSEC=12;

IF SECTOR11=11 THEN PGMSEC=13;

**Applies to:** All graduate respondents.

**Subject:** Education: Program



**Label:** Major field of study with a focus on STEM fields

**Name:** STEMMAJ

**Description:** This variable indicates the student's major or field of study in 2015-16 with a focus on science, technology, engineering, and mathematics (STEM) fields.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	15.74	Math/Computer/Sciences/Engineering/Technologies
2	7.38	Social/behavioral sciences
4	74.46	Non-STEM field
5	2.43	Undecided or not in a degree program

Weight used in frequency: (WTA000)

**Notes:** This variable is a condensed version of MAJORS. For more details on how major or fields of study were categorized, see Chen, X. 2009. Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education (NCES 2009-161). U.S. Department of Education. Washington, DC: National Center for Education Statistics. <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009161>. To identify major fields of study supported by the National Science Foundation (NSF), see MAJORSNSF. The value 3 = "Both Areas" was eliminated after NPSAS:04.

**Code:** IF MAJORS IN (1,2,7,10,11,18,19,25,26) THEN STEMMAJ=1;  
ELSE IF MAJORS IN (27,38,40,41,42,43,44,45) THEN STEMMAJ=2;  
ELSE IF MAJORS IN (0,-3) THEN STEMMAJ=5;  
ELSE STEMMAJ=4;

**Applies to:** All respondents.

**Subject:** Education: Program

**Label:** Major field of study with a focus on STEM fields (in degree program)

**Name:** STEMMAJ2

**Description:** This variable indicates the student's major field of study in 2015-16 with a focus on science, technology, engineering, and mathematics (STEM) fields, excluding students not in a degree program

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	15.74	Math/Computer/Sciences/Engineering/Technologies
2	7.38	Social/behavioral sciences
4	74.46	Non-STEM field
-3	2.43	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** This variable is a condensed version of MAJORS, and differs from STEMMAJ in that students not in a degree program at NPSAS were excluded, and students who hadn't yet decided on a major were given their own category (STEMMAJ2=0). For more details on how major or fields of study were categorized, see Chen, X. 2009. Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education (NCES 2009-161). U.S. Department of Education. Washington, DC: National Center for Education Statistics. <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009161>.

To identify major fields of study supported by the National Science Foundation (NSF), see MAJORSNSF. The value 3 = "Both Areas" was eliminated after NPSAS:04.

**Code:** IF MAJORS=-3 THEN STEMMAJ2=-3;  
ELSE IF MAJORS=0 THEN STEMMAJ2=0;  
ELSE IF MAJORS IN (1,2,7,10,11,18,19,25,26) THEN STEMMAJ2=1;  
ELSE IF MAJORS IN (27,38,40,41,42,43,44,45) THEN STEMMAJ2=2;  
ELSE STEMMAJ2=4;

**Applies to:** Respondents who were in a degree program.

**Subject:** Employment

**Label:** Job: Had job while enrolled in 2015-16 (excl. assistantship/traineeship)

**Name:** JOBANY\_GR

**Description:** The student had a regular paid job or paid internship while enrolled, excluding assistantships or traineeships, during the 2015-16 academic year

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	33.66	No
1	66.34	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the number of jobs held for pay while enrolled, excluding assistantships/traineeships, during the 2015-16 academic year (NUMJOB\_GR). There are three variables measuring whether the student was employed in 2015-16:

[JOBANY\_GR] Had job while enrolled in 2015-16 (excl. assistantship/traineeship)

[JOBANY2\_GR] Had job while enrolled in 2015-16 (incl. assistantship/traineeship)

[JOBANY3\_GR] Had job at any time in 2015-16 (incl. assistantship/traineeship)

**Code:** IF NUMJOB\_GR=0 THEN JOBANY\_GR=0;

ELSE IF NUMJOB\_GR>0 THEN JOBANY\_GR=1;

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Job: Had job while enrolled in 2015-16 (incl. assistantship/traineeship)

**Name:** JOBANY2\_GR

**Description:** The student had a regular paid job or paid internship while enrolled, including assistantships or traineeships, during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.32	No
1	71.68	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the number of jobs held for pay while enrolled, including assistantships/traineeships, during the 2015-16 academic year (NUMJOB2\_GR).

**Code:** IF NUMJOB2\_GR=0 THEN JOBANY2\_GR=0;

ELSE IF NUMJOB2\_GR>0 THEN JOBANY2\_GR=1;

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Job: Had job at any time in 2015-16 (incl. assistantship/traineeship)

**Name:** JOBANY3\_GR

**Description:** The student had a regular paid job or paid internship, including assistantships or traineeships, at any time during the 2015-16 academic year. This includes jobs held while enrolled or while not enrolled.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	19.22	No
1	80.78	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the number of jobs held for pay during the 2015-16 academic year (NUMJOB3\_GR).

**Code:** IF NUMJOB3\_GR = 0 THEN JOBANY3\_GR=0;

ELSE IF NUMJOB3\_GR>0 THEN JOBANY3\_GR=1;

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: work intensity (excl. assistantship/traineeship)

**Name:** JOBENR\_GR

**Description:** The student's intensity of work (excluding assistantship/traineeship) while enrolled during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	33.66	No jobs while enrolled
2	19.96	Part-time
3	46.38	Full-time

Weight used in frequency: (WTA000)

**Notes:** Based on JOBHOUR\_GR, the number of hours the student worked per week while enrolled, excluding assistantships and traineeships, in 2015-16. Full-time is defined as 35 or more hours per week, and part-time is any amount less than 35 hours.

**Code:** IF JOBHOUR\_GR=0 THEN JOBENR\_GR=1;  
ELSE IF 0 LT JOBHOUR\_GR LT 35 THEN JOBENR\_GR=2;  
ELSE IF JOBHOUR\_GR GE 35 THEN JOBENR\_GR=3;

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: work intensity (incl. assistantship/traineeship)

**Name:** JOBENR2\_GR

**Description:** The student's intensity of work (including assistantship/traineeship) while enrolled during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	28.32	No jobs while enrolled
2	23.50	Part-time
3	48.18	Full-time

Weight used in frequency: (WTA000)

**Notes:** Based on JOBHOUR2\_GR, the number of hours the student worked per week while enrolled, including assistantships and traineeships, in 2015-16. Full-time is defined as 35 or more hours per week, and part-time is any amount less than 35 hours.

**Code:** IF JOBHOUR2\_GR=0 THEN JOBENR2\_GR=1;  
ELSE IF 0 LT JOBHOUR2\_GR LT 35 THEN JOBENR2\_GR=2;  
ELSE IF JOBHOUR2\_GR GE 35 THEN JOBENR2\_GR=3;

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: Hours per week (excl. assistantship/traineeship)

**Name:** JOBHOUR\_GR

**Description:** The number of hours worked per week while enrolled, excluding assistantships and traineeships, during the 2015-2016 academic year.,

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	66.34	Positive values, see statistics below
0	33.66	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	35.17	13.35

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question asked of each job held while enrolled: How many hours per week have you usually worked [for this employer] while you have attended school?" [N16DWKHREN01]. For respondents who worked in more than one job while enrolled (excluding assistantships and traineeships), the job in which the student worked the most hours per week was used.

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: Hours per week (incl. assistantship/traineeship)

**Name:** JOB HOUR2\_GR

**Description:** The number of hours the student worked per week, including assistantships and traineeships, during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	71.68	Positive values, see statistics below
0	28.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	110.00	35.07	13.97

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of the hours worked in per week in regular jobs while enrolled (JOB HOUR\_GR) and the hours worked per week in graduate school jobs (GRJOBHR). Graduate school jobs in NPSAS:16 include assistantships and traineeships. The NPSAS:16 student interview did not include graduate fellowships as graduate school jobs, which differs from past NPSAS studies. For students who did not have any paid jobs while enrolled (NUMJOB2\_GR=0), this variable was set to zero.

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: Hourly earnings (excl. assistantship/traineeship)

**Name:** JOBRATE\_GR

**Description:** The amount of money earned per hour while enrolled, excluding assistantships and traineeships, during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	66.34	Positive values, see statistics below
0	33.66	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	500.00	24.46	17.28

Weight used in frequency: (WTA000)

**Notes:** Earnings were collected separately for each job reported in the interview, and asked in two parts: The rate of earnings and the time frame for this amount, reported per hour, per month, or per year. Amounts provided on a per month or per year basis were converted to an hourly rate. For students who had more than one job for pay while enrolled in 2015-16 (excluding assistantships and traineeships) the largest earnings rate was used.

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Job: Primary role as student or employee

**Name:** JOBRROLE\_GR

**Description:** The student's primary role while enrolled at NPSAS and also working

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	28.70	A student working to meet expenses
2	37.64	An employee who decided to enroll in school
-3	33.66	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "During the 2015-2016 school year, would you say you were primarily a student who worked or an employee who decided to enroll in school?" [N16DENRWRK].

**Applies to:** Graduate respondents who had a regular job during the 2015-16 academic year (JOBTYP2\_GR=1, 3).

**Subject:** Employment

**Label:** Type of job student had while enrolled (including graduate school jobs)

**Name:** JOBTYP2\_GR

**Description:** Indicates the student had a graduate school job, a regular job, or both while enrolled in 2015-16.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	63.68	Regular job only
2	5.34	Graduate school job only
3	2.66	Both
-3	28.32	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Does not include paid jobs or paid internships held when the student was not enrolled in school (see NUMJOB3\_GR). Graduate school jobs in NPSAS:16 include assistantships and traineeships. The NPSAS:16 student interview did not include graduate fellowships as graduate school jobs, which differs from past NPSAS studies, where fellowships were considered a graduate school job.

**Applies to:** Graduate respondents who had a job while enrolled, including assistantships and traineeships (NUMJOB2\_GR>0).

**Subject:** Employment

**Label:** Jobs while enrolled: Number in 2015-16 (excl. assistantship/traineeship)

**Name:** NUMJOB\_GR

**Description:** The number of paid jobs or paid internships the student had while enrolled, excluding assistantships and traineeships, during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	33.66	Zero
1	56.91	One
2	9.43	More than one

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview question, "Have you worked for pay at any time between July 2015 and June 2016?" [N16DANYJOB]. If the student responded "yes," information about each job was subsequently collected and

used to derive the number of jobs. This variable includes only jobs held while enrolled, excluding assistantships and traineeships, during the 2015-16 academic year.

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Jobs while enrolled: Number in 2015-16 (incl. assistantship/traineeship)

**Name:** NUMJOB2\_GR

**Description:** The number of jobs the student held for pay while enrolled, including assistantships and traineeships, during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.32	Zero
1	59.86	One
2	11.83	More than one

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview question, "Have you worked for pay at any time between July 2015 and June 2016?" [N16DANYJOB]. If the student responded "yes," information about each job was subsequently collected and used to derive the number of jobs. Also based on whether the student had assistantships (GRASAMT>0) or traineeships in 2015-16. This variable includes jobs held while enrolled, including assistantships and traineeships, during the 2015-16 academic year. If the student did not have an assistantships or traineeship, this variable is the same as NUMJOB\_GR.

**Applies to:** All graduate respondents.

**Subject:** Employment

**Label:** Job: Number in 2015-16 (including assistantship/traineeship)

**Name:** NUMJOB3\_GR

**Description:** The number of paid jobs the student had during the 2015-16 academic year (including assistantship/traineeship). This includes jobs held while enrolled or while not enrolled.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	19.22	Zero
1	61.36	One
2	19.42	More than one

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview question, "Have you worked for pay at any time between July 2015 and June 2016?" [N16DANYJOB]. If the student responded "yes," information about each job was subsequently collected and used to derive the number of jobs.

**Applies to:** All graduate respondents.

**Subject:** Finances

**Label:** Aware of income-driven student loan repayment plans

**Name:** AWAREIDR

**Description:** Indicates whether the student had heard of income-driven loan repayment plans.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	49.65	No
1	50.35	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In thinking about repaying your student loans, have you heard of any income-driven repayment plans (e.g., Income-Based, Pay As You Earn, Income-Contingent Repayment Plans)?" [N16CPAYSTIBR]

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Aware of student loan forgiveness programs

**Name:** AWARELFP

**Description:** Indicates whether the student is aware of student loan forgiveness programs.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	40.31	No
1	59.69	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In thinking about repaying your student loans, have you heard of any loan forgiveness programs (e.g., Teacher Loan Forgiveness, Public Service Loan Forgiveness, etc.)" [N16CPAYSTLFP]

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Bank accounts: had checking or savings account

**Name:** BANK1

**Description:** The student had a checking or savings account.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	3.99	No
1	96.01	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you have a checking or savings account at a bank or credit union?" [N16EBANK1]

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Bank accounts: individual or shared

**Name:** BANK2

**Description:** The student's primary checking or savings account is an individual or a shared bank account.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	64.24	In your name only
2	31.77	Shared between you and someone else
-3	3.99	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Is your primary checking or savings account in your name only, or shared between you and someone else" [N16EBANK2]

**Applies to:** Respondents who had a checking or savings account (BANK1=1).

**Subject:** Finances

**Label:** Credit cards: balance carried over each month

**Name:** CRBALCR

**Description:** The student carries a balance from month to month.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	44.33	No
1	40.22	Yes
-3	15.45	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you usually owe an amount that is carried over on your credit card[s] from month to month?" [N16ECARRYBAL]

**Applies to:** Respondents who had at least one credit card (CRNUMCRD>0).

**Subject:** Finances

**Label:** Credit cards: balance due on all credit cards

**Name:** CRBALDUE

**Description:** The student's balance due on all credit cards.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.22	Positive values, see statistics below
-3	59.78	{Skipped}

Minimum	Maximum	Average	Standard Deviation
50.00	120000.00	6490.97	9304.88

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What was the total amount you owed on your credit card[s] according to your last month's statement?" [N16ECRDBAL]

**Applies to:** Respondents who carried a credit card balance over each month (CRBALCR=1).

**Subject:** Finances

**Label:** Credit cards: number of credit cards in own name

**Name:** CRNUMCRD

**Description:** The number of credit cards a student has in his or her own name.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	15.45	None
1	29.36	One
2	55.20	More than one

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Excluding debit or ATM cards, how many credit cards do you have in your own name that are billed to you?" [N16ENUMCRD]

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Credit cards: used credit cards to pay tuition and fees in 2015-16

**Name:** CRTUIT

**Description:** The student used credit card to pay for tuition and fees in the 2015-16 academic year.

**Source:** NPSAS:16 Interview



**Descriptive Statistics:**

Value	Percentage	Value label
0	61.34	No
1	23.22	Yes
-3	15.45	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Did you use your credit card to pay for any of your tuition and fees in the 2015-16 school year?" [N16ECCUSE]

**Applies to:** Respondents who had at least one credit card (CRNUMCRD>0).

**Subject:** Finances

**Label:** Credit cards: only source available to pay tuition and fees in 2015-16

**Name:** CRTUIT2

**Description:** Credit card was the only source available to pay tuition and fees in 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	10.22	No
1	13.00	Yes
-3	76.78	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Did you charge your tuition and fees using your credit card(s) because that was the only way you could afford to pay for those expenses?" [N16ECCREASON]

**Applies to:** Respondents who used credit cards to pay for tuition and fees in 2015-16 (CRTUIT=1).

**Subject:** Finances

**Label:** Cost of digital textbooks (student reported)

**Name:** CSTBKSDG

**Description:** Indicates the student-reported amount of money spent on required digital textbooks in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	27.31	Positive values, see statistics below
0	72.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	4000.00	225.39	338.17

Weight used in frequency: (WTA000)

**Notes:** This amount is self-reported by students and based on the interview item, "During the 2015-2016 school year, about how much did you spend on required digital textbooks?" [N16CCSTDIG]. This is not an indicator for the amount budgeted by an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Cost of print-only textbooks (student reported)

**Name:** CSTBKSPR

**Description:** Indicates the student-reported amount of money spent on required textbooks (print only) in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	76.91	Positive values, see statistics below
0	23.09	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	6000.00	487.01	538.14

Weight used in frequency: (WTA000)

**Notes:** This amount is self-reported by students and based on the interview item, "During the 2015-2016 school year, about how much did you spend on required textbooks—print versions only?" [N16CCSTTEXT]. This is not an indicator for the amount budgeted by an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Cost of other required course materials (student reported)

**Name:** CSTOTHER

**Description:** Indicates the student-reported amount of money spent on other required course materials in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	19.53	Positive values, see statistics below
0	80.47	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	8000.00	416.03	790.70

Weight used in frequency: (WTA000)

**Notes:** This amount is self-reported by students and based on the interview item, "During the 2015-2016 school year, about how much did you spend on other required course materials not already reported" [N16CCSTOTH]. This is not an indicator for the amount budgeted by an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Cost of required supplies (student reported)

**Name:** CSTSUPP

**Description:** Indicates the student-reported amount of money spent on required supplies in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	61.31	Positive values, see statistics below
0	38.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	6000.00	259.35	542.04

Weight used in frequency: (WTA000)

**Notes:** This amount is self-reported by students and based on the interview item, "During the 2015-2016 school year, about how much did you spend on supplies?" [N16CCSTSUPP]. Supplies might include: Lab or medical equipment, uniforms that must be purchased or rented, art supplies, other mechanical supplies required to complete coursework, etc. This is not an indicator for the amount budgeted by an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Cost of required technology (student reported)

**Name:** CSTTECH

**Description:** Indicates the student-reported amount of money spent on required technology in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	37.74	Positive values, see statistics below
0	62.26	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	6000.00	567.37	744.71

Weight used in frequency: (WTA000)

**Notes:** This amount is self-reported by students and based on the interview item, "During the 2015-2016 school year, about how much did you spend on technology (required to take a class)?" [N16CCSTTECH]. This is not an indicator for the amount budgeted by an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Total cost of required course materials (student reported)

**Name:** CSTTOTAL

**Description:** Indicates the total student-reported amount of money spent on required course materials in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	89.89	Positive values, see statistics below
0	10.11	{Zero}

Minimum	Maximum	Average	Standard Deviation
10.00	18000.00	990.59	1312.22

Weight used in frequency: (WTA000)

**Notes:** This is the sum of the amount the student spent on required print textbooks (CSTBKSPR), digital textbooks (CSTBKSDG), technology (CSTTECH), supplies (CSTSUPP), and other required course materials (CSTOTHER). All these components were self-reported by students in the interview. This is not an indicator for the amount budgeted by

an institution for books and supplies, which is estimated for the purposes of calculating the overall cost of attending that school.

**Code:** CSTTOTAL = SUM(OF CSTBKSPR CSTBKSDG CSTTECH CSTSUPP CSTOTHER);

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Amount contributed to college costs for dependents in 2015-16

**Name:** DEPCOLCS

**Description:** Amount contributed to college costs for dependents in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	4.81	Positive values, see statistics below
0	1.06	{Zero}
-3	94.13	{Skipped}

Minimum	Maximum	Average	Standard Deviation
57.00	120000.00	8637.44	10553.26

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Not including any loans, how much did you [and your spouse] contribute to the cost of your dependent's college expenses in the 2015-2016 school year?" [N16ECOLCOST]

**Applies to:** Respondents who have dependents in college (DEPCOL>0).

**Subject:** Finances

**Label:** Other financial support received

**Name:** FAMHELP

**Description:** Indicates whether the student's family or friends (excluding spouse, parents, or guardians) helped pay for education and living expenses in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	92.01	No
1	7.99	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Through the end of the 2015-16 school year, and not including your spouse or your parents (or guardians), will other family members or friends have helped you pay for any of your education and living expenses while you are enrolled in school?" [N16EFAMHELP].

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Help from family and friends: total amount in 2015-16

**Name:** FAMHPAM

**Description:** Indicates the amount family members or friends (excluding spouse, parents, or guardians) helped pay for education and living expenses in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	92.01	Zero
1	0.83	Less than \$500

2	1.10	\$500 to \$999
3	0.86	\$1,000 to \$1,499
4	0.37	\$1,500 to \$1,999
5	1.92	\$2,000 to \$5,000
6	0.87	\$5,001 to \$9,999
7	0.89	\$10,000 to \$14,999
8	0.23	\$15,000 to \$19,999
9	0.40	\$20,000 to \$24,999
10	0.29	\$25,000 to \$49,999
11	0.24	\$50,000 or more

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial security: \$2,000 within the next month

**Name:** FIN2000

**Description:** Indicates the student's level of confidence in coming up with \$2,000, from any available source, within the next month.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	43.93	Certainly could come up with the \$2,000
2	27.82	Probably could come up with the \$2,000
3	15.47	Probably could not come up with the \$2,000
4	12.78	Certainly could not come up with the \$2,000

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview question: "How confident are you that you could come up with \$2,000, from any available source, if an unexpected need arose within the next month?" [N16EFIN2000].

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial literacy: Effect of inflation on purchasing

**Name:** FINLIT1

**Description:** Indicates the student's belief about the future purchasing power of savings when the interest rate is lower than the rate of inflation. The correct answer is "Less than today."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	13.22	More than today
2	11.66	Exactly the same
3	75.12	Less than today

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Imagine that the interest rate on your savings account was 1 percent per year and inflation was 2 percent per year. After 1 year, how much would you be able to buy with the money in this account?" [N16EFIN1YEAR] See FINLITTOT for more details.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial literacy: Effect of interest on savings

**Name:** FINLIT2

**Description:** Indicates the student's belief about the effect of interest on savings account. The correct answer is, "More than \$102."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	90.26	More than \$102
2	5.21	Exactly \$102
3	4.54	Less than \$102

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Suppose you had \$100 in a savings account and the interest was 2 percent per year. After 5 years, how much do you think you would have in the account if you left the money to grow?" [N16EFIN5YEAR] See FINLITTOT for more details.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial literacy: Effect of diversification on risk

**Name:** FINLIT3

**Description:** Indicates the student's belief about whether a single company's stock provides a safer return than a stock mutual fund. The correct answer is "False."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	3.80	True
2	60.45	False
3	35.75	Don't know

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Is this statement true or false? Buying a single company's stock usually provides a safer return than a stock mutual fund." [N16EFINSTOCK] See FINLITTOT for more details.

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial literacy: Correctly answered all three items

**Name:** FINLITALL

**Description:** Indicates whether the student correctly answered all three financial literacy items.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	51.36	No, did not answer all three items correctly
1	48.64	Yes, answered all three items correctly

Weight used in frequency: (WTA000)

**Notes:** See FINLITTOT for more information about financial literacy items.

**Code:** IF FINLITTOT=3 THEN FINLITALL=1;

ELSE FINLITALL=0;

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Financial literacy: Number of correct responses

**Name:** FINLITTOT

**Description:** Number of correct answers to financial literacy items regarding the effect of inflation on future purchasing power, the effect of interest on savings, and the effect of diversification on risk.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.51	Zero
1	17.80	One
2	31.05	Two
3	48.64	Three

Weight used in frequency: (WTA000)

**Notes:** This variable aggregates the number of correct responses to questions relating to the effect of inflation on future purchasing power (FINLIN1), the effect of interest on savings (FINLIT2), and the effect of diversification on risk (FINLIT3). These three variables are based on questions that have been used in surveys of US and international populations. See, for example, Lusardi, A. (2008). Financial Literacy: An Essential Tool For Informed Consumer Choice? (Working Paper). w14084). Washington, DC: National Bureau of Economic Research.

**Code:** FINLITTOT=SUM(FINLIT1=3,FINLIT2=1,FINLIT3=2);

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Student owns home or pays mortgage

**Name:** HOMESTUD

**Description:** The student owns a home or pays a mortgage on a home.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	66.28	No
1	33.72	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you own a home or pay a mortgage on a home?" [N16EHOME]

**Applies to:** All graduate respondents.

**Subject:** Finances

**Label:** Loan literacy: Govt. can report unpaid debt to credit bureaus

**Name:** LOANLIT1

**Description:** Student's belief as to whether the government can report unpaid federal student loan debt as past due to credit bureaus. The correct answer is "Yes."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	25.46	No, cannot report debt past due to credit bureaus
1	74.54	Yes, can report debt past due to credit bureaus

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "If a borrower is unable to repay his or her federal student loan, what steps can the government take to collect the debt? Report that the student debt is past due to the credit bureaus?" [N16CFEDRPRT].

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Loan literacy: Govt. can garnish wages for unpaid fed. loan debt

**Name:** LOANLIT2

**Description:** Student's belief as to whether the government can garnish the wages of borrowers with unpaid federal student loan debt. The correct answer is "Yes."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	41.77	No, cannot have employer withhold money
1	58.23	Yes, can have employer withhold money

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "If a borrower is unable to repay his or her federal student loan, what steps can the government take to collect the debt? Have the student's employer withhold money from his or her pay (garnish wages) until the debt, plus any interest and fees, is repaid?"

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Loan literacy: Govt. can retain tax refunds, Soc Sec for loan debt

**Name:** LOANLIT3

**Description:** Student's belief as to whether the government can retain tax refunds and Social Security payments of borrowers with unpaid federal student loan debt. The correct answer is "Yes."

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	33.20	No, cannot retain tax refunds until debt is repaid
1	66.80	Yes, can retain tax refunds until the debt is repaid

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "If a borrower is unable to repay his or her federal student loan, what steps can the government take to collect the debt? Retain tax refunds and Social Security payments until the debt, plus any interest and fees, is repaid?" [N16CFEDTAX].

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Loan literacy: Correctly answered all three items

**Name:** LOANLITALL

**Description:** Indicates whether the student correctly answered all three items about the steps the government can take to collect the debt of borrowers who are unable to repay their federal student loans.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	52.96	No, did not answer all three items correctly
1	47.04	Yes, answered all three items correctly

Weight used in frequency: (WTA000)

**Notes:** See LOANLITTOT for more information regarding loan literacy items.

**Code:** IF LOANLITTOT=3 THEN LOANLITALL=1;  
ELSE LOANLITALL=0;

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Loan literacy: Number of correct responses

**Name:** LOANLITTOT

**Description:** Number of correct responses regarding the steps the government can take to collect the debt of borrowers who are unable to repay their federal student loans.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**



Value	Percentage	Value label
0	10.92	Zero
1	25.62	One
2	16.42	Two
3	47.04	Three

Weight used in frequency: (WTA000)

**Notes:** This variable is an aggregation of correct responses from the student as to whether the government can report past due student loan debt to credit bureaus (LOANLIT1), can withhold or garnish wages of someone past due on their student loans (LOANLIT2), or can retain tax refunds until past due student debt is repaid (LOANLIT3). The correct answer to all these items is "yes."

**Code:** LOANLITTOT=SUM(LOANLIT1=1,LOANLIT2=1,LOANLIT3=1);

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Monthly mortgage or rent amount

**Name:** MNTRENT

**Description:** The average monthly rent or mortgage the student paid during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	86.15	Positive values, see statistics below
0	13.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	10000.00	1062.96	686.35

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "While attending school during the 2015-16 school year, how much (on average) is your monthly mortgage or rent payment? Please indicate only the amount that you and your spouse are responsible for paying. If someone else pays your mortgage or rent on your behalf, please indicate '0.'" [N16ERNTAMT]

**Applies to:** All graduate respondents.

**Subject:** Finances

**Label:** Help from parents: housing, tuition, other expenses

**Name:** PARHELP2

**Description:** The student's parents or guardians helped pay for education and living expenses in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	68.19	No
1	31.80	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Through the end of the 2015-16 school year, will your parents (or guardians) have helped you pay for any of your education or living expenses while you are enrolled in school?" [N16EPARHELP].

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Help from parents: amount parents helped pay for expenses

**Name:** PARHPAMT2

**Description:** Amount parents helped pay for education and living expenses in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	68.19	Zero
1	1.75	Less than \$500
2	2.18	\$500 to \$999
3	2.17	\$1,000 to \$1,499
4	1.56	\$1,500 to \$1,999
5	5.87	\$2,000 to \$5,000
6	4.96	\$5,001 to \$9,999
7	3.89	\$10,000 to \$14,999
8	1.93	\$15,000 to \$19,999
9	2.03	\$20,000 to \$24,999
10	2.87	\$25,000 to \$49,999
11	2.60	\$50,000 or more

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Finances

**Label:** Likelihood of using income-driven student loan repayment plans

**Name:** USEIDR

**Description:** Likelihood that student will use income-driven repayment plans to repay student loans.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	4.64	Very unlikely
2	1.60	Somewhat unlikely
3	2.03	Neither unlikely nor likely
4	2.93	Somewhat likely
5	6.54	Very likely
-3	82.26	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What is the likelihood that you will use any income-driven repayment plans to repay your student loans?" [N16CUSEIDR]

**Applies to:** Respondents in a degree program who had heard of income-driven repayment plans (AWAREIDR = 1) and completed or expected to complete their degree in 2015-16 (PROGSTAT = 1).

**Subject:** Finances

**Label:** Likelihood of using loan forgiveness program

**Name:** USELFP

**Description:** Likelihood that student will use loan forgiveness program to repay student loans.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	6.39	Very unlikely
2	2.12	Somewhat unlikely
3	2.81	Neither unlikely nor likely
4	3.23	Somewhat likely
5	4.99	Very likely
-3	80.47	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What is the likelihood that you will use any loan forgiveness programs to repay your student loans?" [N16CUSELFP]

**Applies to:** Respondents in a degree program who had heard of student loan forgiveness programs (AWARELFP = 1) and completed or expected to complete their degree in 2015-16 (PROGSTAT = 1).

**Subject:** Finances: Income

**Label:** Adjusted Gross Income (AGI)

**Name:** CAGI

**Description:** Adjusted Gross Income (AGI) in 2014 for student (and spouse).

**Source:** FAFSA:16, NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	87.38	Positive values, see statistics below
0	3.98	{Zero}
-3	8.64	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	2000000.00	55169.94	54327.45

Weight used in frequency: (WTA000)

**Notes:** AGI equals gross income minus a limited number of qualified expenses such as contributions to certain retirement accounts, moving costs, tuition and fees for postsecondary education, and alimony payments. This variable was based on the 2015-16 federal financial aid application if the student filed a federal tax return for calendar year 2014. If not available, the latest adjusted gross income from the 2014-15, 2013-14, or 2012-13 federal financial aid applications was used if the student's dependency status and marital status from that year was the same as 2015-16. Income from past FAFSA filings was converted to 2014 dollars using the consumer price index (CPI).

**Applies to:** Independent respondents who filed federal taxes (STAXFILE=1).

**Subject:** Finances: Income

**Label:** Total income (continuous)

**Name:** CINCOME

**Description:** Total income in 2014 including income of the spouse (SPSINC), if any.

**Source:** FAFSA:16, NSLDS:16 NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	89.28	Positive values, see statistics below
0	10.72	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	3127500.00	55663.25	85699.34

Weight used in frequency: (WTA000)

**Notes:** The 2014 calendar year income was used in federal need analysis to determine financial aid eligibility for the 2015-16 academic year. Total income is primarily composed of data from the FAFSA and refers to total income used to calculate an expected family contribution for federal financial aid. This generally includes the filer's adjusted gross income, plus untaxed income, minus certain deductions like education tax credits, combat pay, child support, etc. See INCOME16 for more detail and the categorical version of this variable.

**Code:** IF INDEPINC>=0 THEN CINCOME=INDEPINC;

**Applies to:** All respondents.

**Subject:** Finances: Income

**Label:** Total income (categorical)

**Name:** INCOME16

**Description:** Total income in 2014 (categorical).

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	19.68	Less than \$5,000
2	7.48	\$5,000 - \$9,999
3	11.06	\$10,000 - \$19,999
4	9.62	\$20,000 - \$29,999
5	15.33	\$30,000 - \$49,999
6	22.59	\$50,000 - \$99,999
7	14.24	\$100,000 or more

Weight used in frequency: (WTA000)

**Notes:** The 2014 calendar year income was used in federal need analysis to determine financial aid eligibility for the 2015-16 academic year. Recodes total income (CINCOME) into categorical income levels. The quality of the income data in NPSAS is inconsistent. For students who filed a federal financial aid application, the income information for 2014 is very precise, and includes the Adjusted Gross Income as well as the total income. When prior FAFSA information was used, income is subject to annual fluctuations. For students who had no financial aid application record, the income information is much less reliable and is based on the student interview and/or stochastic imputation. All interviewed students were asked to estimate their own income in ranges (No income, Less than \$5,000, \$5,000-\$9,999, \$10,000-\$14,999, \$15,000-\$19,999, \$20,000-\$29,999, \$30,000-\$39,999, \$40,000-\$49,999, \$50,000-\$74,999, \$75,000 and above), and if they were married, to estimate the spouse's income in the same ranges. Rather than using the midpoint of the estimated income range, particular incomes within the range were imputed using stochastic imputation methods. If no income information was available from any source, stochastic imputation was used to estimate a value. More detail about the use of stochastic imputation is available in the NPSAS:16 Data File Documentation.

**Applies to:** All graduate respondents.

**Subject:** Finances: Income

**Label:** Student budget as percent of income

**Name:** INCPCT1

**Description:** The adjusted cost of attendance at the NPSAS institution (BUDGETAJ) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.47	Positive values, see statistics below
0	0.02	{Zero}

-3	4.51	{Skipped}
----	------	-----------

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	62.51	38.17

Weight used in frequency: (WTA000)

**Notes:** Those with no income (CINCOME=0) or with budgets over 100 percent of income were set to 100.

**Code:** IF STUDMULT>1 THEN INCPCT1=-3;

ELSE IF CINCOME=0 THEN INCPCT1=100;

ELSE IF CINCOME>0 THEN INCPCT1=ROUND((BUDGETAJ/CINCOME)\*100);

IF INCPCT1>100 THEN INCPCT1=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Finances: Income

**Label:** Tuition as percent of income

**Name:** INCPCT2

**Description:** The tuition charged at the NPSAS institution (TUITION2) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	94.90	Positive values, see statistics below
0	0.59	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	47.84	41.04

Weight used in frequency: (WTA000)

**Notes:** Those with no income (CINCOME=0) or tuition over 100 percent of income were set to 100.

**Code:** IF STUDMULT>1 THEN INCPCT2=-3;

ELSE IF CINCOME=0 THEN INCPCT2=100;

ELSE IF CINCOME>0 THEN INCPCT2=ROUND((TUITION2/CINCOME)\*100);

IF INCPCT2>100 THEN INCPCT2=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Finances: Income

**Label:** Independent students: student and spouse's income

**Name:** INDEPINC

**Description:** Independent student's total income for 2014, including income of the spouse (SPSINC), if any.

**Source:** FAFSA:16, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	89.28	Positive values, see statistics below
0	10.72	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	3127500.00	55663.25	85699.34

Weight used in frequency: (WTA000)

**Notes:** Equivalent to the sum of student's income (ISTUINC) and spouse's income (SPSINC) if the student is married (SMARITAL = 2). Otherwise, this variable is the same as ISTUINC. Income for separated students (SMARITAL=3) refers only to the student's individual income and will also have the same value as ISTUINC. Primarily based on the 2015-16 federal financial aid application; If not available, the latest adjusted gross income from the 2014-15, 2013-14, or 2012-13 federal financial aid applications was used if the student's dependency status and marital status from that year was the same as 2015-16. Income from past FAFSA filings was converted to 2014 dollars using the consumer price index (CPI). If still missing, then categorical responses to the student interview were used to stochastically impute a continuous value for income. See INCOME for more information.

**Applies to:** All graduate respondents.

**Subject:** Finances: Income

**Label:** Independent students: Income (continuous)

**Name:** ISTUINC

**Description:** Independent student's total income for 2014, not including income of spouse (SPSINC).

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	86.50	Positive values, see statistics below
0	13.50	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	2000000.00	37356.16	43523.42

Weight used in frequency: (WTA000)

**Notes:** Primarily based on the 2015-16 federal financial aid application (FASFA); If not available, the latest adjusted gross income from the 2014-15, 2013-14, or 2012-13 federal financial aid applications was used if the student's dependency status from that year was the same as 2015-16. Income from past FAFSA filings was converted to 2014 dollars using the consumer price index (CPI). If still missing, then categorical responses from the student interview were used to help impute a continuous income value. Amounts greater than \$2,000,000 were edited and set to \$2,000,000. See INCOMEG for more information.

**Applies to:** All graduate respondents.

**Subject:** Finances: Income

**Label:** Income percent of poverty level

**Name:** PCTPOV

**Description:** Indicates total 2014 income as a percentage of the federal poverty level thresholds for 2014.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	89.21	Positive values, see statistics below
0	10.79	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	1000.00	308.04	249.86

Weight used in frequency: (WTA000)

**Notes:** Income from the 2014 calendar year was used to determine federal financial aid eligibility for the 2015-16 academic year. Values for this variable were calculated using the 2014 HHS Poverty Guidelines (<https://aspe.hhs.gov/2014-poverty-guidelines>) and are based on family size (HSIZE) and total income (CINCOME). A value of 100 or less means that the student's family income was at or below the federal poverty threshold for their family size in 2014. The maximum is set to 1,000 (ten times poverty threshold), and all values above 1,000 were recoded to 1,000. Alaska and Hawaii have different poverty guidelines than the other 48 contiguous states and the District of Columbia. Students in

the sample with permanent residence in either Alaska or Hawaii were calculated according to their state-specific guidelines.

```
Code: IF STUSTATE NOT IN (2,12) THEN DO ;
IF HSIZE=1 THEN PCTPOV=ROUND(100*(CINCOME/11670));
ELSE IF HSIZE=2 THEN PCTPOV=ROUND(100*(CINCOME/15730));
ELSE IF HSIZE=3 THEN PCTPOV=ROUND(100*(CINCOME/19790));
ELSE IF HSIZE=4 THEN PCTPOV=ROUND(100*(CINCOME/23850));
ELSE IF HSIZE=5 THEN PCTPOV=ROUND(100*(CINCOME/27910));
ELSE IF HSIZE=6 THEN PCTPOV=ROUND(100*(CINCOME/31970));
ELSE IF HSIZE=7 THEN PCTPOV=ROUND(100*(CINCOME/36030));
ELSE IF HSIZE=8 THEN PCTPOV=ROUND(100*(CINCOME/40090));
ELSE IF HSIZE=9 THEN PCTPOV=ROUND(100*(CINCOME/44150));
ELSE IF HSIZE=10 THEN PCTPOV=ROUND(100*(CINCOME/48210));
ELSE IF HSIZE=11 THEN PCTPOV=ROUND(100*(CINCOME/52270));
ELSE IF HSIZE=12 THEN PCTPOV=ROUND(100*(CINCOME/56330));
ELSE IF HSIZE=13 THEN PCTPOV=ROUND(100*(CINCOME/60390));
ELSE IF HSIZE=14 THEN PCTPOV=ROUND(100*(CINCOME/64450));
ELSE IF HSIZE=15 THEN PCTPOV=ROUND(100*(CINCOME/68510));
ELSE IF HSIZE=16 THEN PCTPOV=ROUND(100*(CINCOME/72570));
ELSE IF HSIZE=17 THEN PCTPOV=ROUND(100*(CINCOME/76630));
ELSE IF HSIZE=18 THEN PCTPOV=ROUND(100*(CINCOME/80690));
END;
/* ALASKA */
ELSE IF STUSTATE=2 THEN DO ;
IF HSIZE=1 THEN PCTPOV=ROUND(100*(CINCOME/14580));
ELSE IF HSIZE=2 THEN PCTPOV=ROUND(100*(CINCOME/19660));
ELSE IF HSIZE=3 THEN PCTPOV=ROUND(100*(CINCOME/24740));
ELSE IF HSIZE=4 THEN PCTPOV=ROUND(100*(CINCOME/29820));
ELSE IF HSIZE=5 THEN PCTPOV=ROUND(100*(CINCOME/34900));
ELSE IF HSIZE=6 THEN PCTPOV=ROUND(100*(CINCOME/39980));
ELSE IF HSIZE=7 THEN PCTPOV=ROUND(100*(CINCOME/45060));
ELSE IF HSIZE=8 THEN PCTPOV=ROUND(100*(CINCOME/50140));
ELSE IF HSIZE=13 THEN PCTPOV=ROUND(100*(CINCOME/75540));
END;
/* HAWAII */
ELSE IF STUSTATE=12 THEN DO ;
IF HSIZE=1 THEN PCTPOV=ROUND(100*(CINCOME/13420));
ELSE IF HSIZE=2 THEN PCTPOV=ROUND(100*(CINCOME/18090));
ELSE IF HSIZE=3 THEN PCTPOV=ROUND(100*(CINCOME/22760));
ELSE IF HSIZE=4 THEN PCTPOV=ROUND(100*(CINCOME/27430));
ELSE IF HSIZE=5 THEN PCTPOV=ROUND(100*(CINCOME/32100));
ELSE IF HSIZE=6 THEN PCTPOV=ROUND(100*(CINCOME/36770));
ELSE IF HSIZE=7 THEN PCTPOV=ROUND(100*(CINCOME/41440));
ELSE IF HSIZE=8 THEN PCTPOV=ROUND(100*(CINCOME/46110));
ELSE IF HSIZE=9 THEN PCTPOV=ROUND(100*(CINCOME/50780));
ELSE IF HSIZE=10 THEN PCTPOV=ROUND(100*(CINCOME/55450));
ELSE IF HSIZE=12 THEN PCTPOV=ROUND(100*(CINCOME/64790));
END;
```

**Applies to:** All respondents.

**Subject:** Finances: Income

**Label:** Independent students: Federal tax paid

**Name:** SFEDTAX

**Description:** The amount of federal income tax the independent student paid for 2014.

**Source:** FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	60.52	Positive values, see statistics below
0	39.48	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	320481.00	7259.38	10968.21

Weight used in frequency: (WTA000)

**Notes:** Based on the federal financial aid application.

**Applies to:** All graduate respondents.

**Subject:** Finances: Income

**Label:** Independent students: Spouse's income

**Name:** SPSINC

**Description:** Spouse's earned income in 2014, if student was married in 2014.

**Source:** FAFSA:16, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	31.46	Positive values, see statistics below
0	6.13	{Zero}
-3	62.42	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	2000000.00	55251.39	81367.44

Weight used in frequency: (WTA000)

**Notes:** Primarily based on the 2015-16 federal financial aid application (FASFA); If not available, the latest adjusted gross income from the 2014-15, 2013-14, or 2012-13 federal financial aid applications was used if the student's dependency status from that year was the same as 2015-16. Income from past FAFSA filings was converted to 2014 dollars using the consumer price index (CPI). If still missing, then categorical responses from the student interview were used to help impute a continuous income value. Amounts greater than \$2,000,000 were edited and set to \$2,000,000. See INCOMEG for more information.

**Applies to:** Respondents who are married (SMARITAL=2).

**Subject:** Finances: Income

**Label:** Independent students: Federal tax filed

**Name:** STAXFILE

**Description:** Indicates whether or not an independent student filed a federal income tax return for 2014.

**Source:** FAFSA:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	8.64	No
1	91.36	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the 2015-16 federal financial aid application. Some students' adjusted gross income (AGI) was taken from past federal financial aid applications (2013-2015). In these cases, this variable was set to one to indicate the student filed federal taxes. See CAGI for more information.

**Applies to:** All graduate respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: Any

**Name:** FEDBEN

**Description:** Indicates whether any member of the student's household received any of the following federal benefits during the 2013 or 2014 calendar year: Supplemental Nutrition Assistance Program (Food Stamps) (FEDBENA), Free or Reduced Price School Lunch (FEDBENB), Supplemental Security Income (FEDBENC), Temporary Assistance for Needy Families (FEDBEND), or the Special Supplemental Nutrition program for Women, Infants, and Children (FEDBENE).



Source: FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	93.48	No
1	6.52	Yes

Weight used in frequency: (WTA000)

**Notes:** Positive responses from either the federal financial aid application or the student interview were used to derive this variable. The benefits included in this variable are not always received by the individual student and may not always be a good proxy for poverty or low socio-economic status. Receipt of these benefits can trigger an "automatic-zero" in the calculation of Expected Family Contribution (EFC) if the income of a student with dependents besides a spouse is less than or equal to \$24,000.

**Code:** IF FEDBENA=1 OR FEDBENB=1 OR FEDBENC=1 OR FEDBEND=1 OR FEDBENE=1 THEN FEDBEN=1;  
ELSE IF FEDBENA=0 AND FEDBENB=0 AND FEDBENC=0 AND FEDBEND=0 AND FEDBENE=0 THEN  
FEDBEN=0;

**Applies to:** All respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: Food Stamp Benefit

**Name:** FEDBENA

**Description:** Indicates whether any member of the student's household received Food Stamp (SNAP) Benefits during the 2013 or 2014 calendar year

Source: FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	96.45	No
1	3.55	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application and then the student interview. The benefits included in this variable are not always received by the individual student. In NPSAS:16, a proxy for eligibility was created based on federal eligibility criteria and the variables for family income and family size to aid in the imputation of missing values.

**Applies to:** All respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: Free or Reduced Price School Lunch Benefits

**Name:** FEDBENB

**Description:** Indicates whether any member of the student's household received Free or Reduced Price School Lunch Benefits in the 2013 or 2014 calendar year.

Source: FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	97.06	No
1	2.94	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application and then the student interview. The benefits included in this variable are not always received by the individual student. In NPSAS:16, a proxy for eligibility for these benefits was created based on federal eligibility criteria and the variables for family income and family size to aid in the imputation of missing values.

**Applies to:** All respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: Supplemental Security Income Benefits

**Name:** FEDBENC

**Description:** Indicates whether any member of the student's household received Supplemental Security Income (SSI)

Benefits during the 2013 or 2014 calendar year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	99.38	No
1	0.62	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the federal financial aid application. The benefits included in this variable are not always received by the individual student. In NPSAS:16, a proxy for eligibility for these benefits was created based on federal eligibility criteria and the variables for family income, age, marital status, and family size to aid in the imputation of missing values.

**Applies to:** All respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: TANF Benefits

**Name:** FEDBEND

**Description:** Indicates whether any member of the student's household received Temporary Assistance for Needy Families (TANF) Benefits during the 2013 or 2014 calendar year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	99.67	No
1	0.33	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the federal financial aid application. The benefits included in this variable are not always received by the individual student. In NPSAS:16, a proxy for eligibility for these benefits was created based on federal eligibility criteria and the variables for gender, number of dependents, age of youngest child, marital status, age, family income and family size to aid in the imputation of missing values.

**Applies to:** All respondents.

**Subject:** Finances: Support

**Label:** Received federal benefit: WIC Benefits

**Name:** FEDBENE

**Description:** Indicates whether any member of the student's household received Special Supplemental Nutrition program for Women, Infants, and Children (WIC) Benefits during the 2013 or 2014 calendar year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.00	No
1	2.00	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the federal financial aid application. The benefits included in this variable are not always received by the individual student. In NPSAS:16, a proxy for eligibility for these benefits was created based on federal eligibility criteria and the variables for gender, number of dependents, age of youngest child, marital status, age, family income and family size to aid in the imputation of missing values.

**Applies to:** All respondents.

**Subject:** Financial aid

**Label:** Received a refund of scholarships, grants, or loans from NPSAS

**Name:** REFUND1

**Description:** The student has received a refund of any scholarships, grants, or loans from NPSAS.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	69.33	No
1	30.67	Yes

Weight used in frequency: (WTA000)

**Notes:** If student did not indicate receiving student loans in the 2015-16 academic year, based on student interview question: "After paying for your tuition and fees, did you or will you receive a refund of any scholarships or grants from NPSAS?" If student indicated receiving student loans in the 2015-16 academic year, based on student interview question: "After paying for your tuition and fees, did you or will you receive a refund of any scholarships, grants, or loans from NPSAS?" [N16CREFUND1]

**Applies to:** All respondents.

**Subject:** Financial aid

**Label:** Method of receiving refund from NPSAS

**Name:** REFUND2

**Description:** Indicates the method in which the student received a refund of scholarships or grants from the NPSAS institution.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	18.78	Deposit refund directly to bank account
2	8.45	Cash or deposit refund at a bank yourself
3	0.34	Cash somewhere other than a bank
4	1.33	Receive refund on prepaid debit card
5	0.64	Receive refund through student ID card
6	1.13	Do something else not listed
-3	69.33	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** If the student indicated in the interview they received a refund from NPSAS, then this variable is based on the question immediately following, "Did you or will you..."

- Ask your school to deposit the refund directly into your bank or credit union account
- Cash or deposit the refund check at a bank or credit union yourself
- Cash the refund check somewhere other than a bank or credit union (example: a check-cashing business, grocery or convenience store)
- Receive the refund on a prepaid debit card
- Receive the refund through your student ID card
- Do something else not listed with the refund"

**Applies to:** Respondents who received a refund of scholarships or grants from NPSAS (REFUND1=1).

**Subject:** Financial aid: Application

**Label:** Applied for any aid

**Name:** AIDAPP

**Description:** Indicates whether the student applied for financial aid for the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student records

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.97	No
1	76.03	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "yes" if any of the following were true:

- a. Student had a federal financial aid application (FEDAPP=1)
- b. Student received financial aid (TOTAID>0)
- c. Student indicated in the interview that he/she had applied for financial aid.

**Applies to:** All respondents.

**Subject:** Financial aid: Application

**Label:** Applied for federal aid

**Name:** FEDAPP

**Description:** Indicates whether the student applied for federal financial aid for the 2015-16 academic year.

**Source:** FAFSA:16, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	50.49	No
1	49.51	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "yes" if the student had a record of a federal financial aid application for the 2015-16 academic year, or the student received any federal financial aid (TFEDAID>0). This variable was set to "no" if the student did not receive federal financial aid and did not file a federal aid application file.

**Applies to:** All respondents.

**Subject:** Financial aid: Application

**Label:** Reason for not applying: did not want to take on the debt

**Name:** REANOAPA

**Description:** The student did not apply for financial aid because he/she did not want to take on debt.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	13.68	No
1	10.29	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because you did not want to take on the debt?" [N16CNODEBT]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Application

**Label:** Reason for not applying: forms were too much work

**Name:** REANOAPB

**Description:** The student did not apply for financial aid because the application forms were too much work or too time consuming.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	22.30	No
1	1.67	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because you thought the application forms were too much work or too time-consuming?" [N16CFMCON]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Application

**Label:** Reason for not applying: no information about how to apply

**Name:** REANOAPC

**Description:** The student did not apply for financial aid because he/she did not have enough information about how to apply for financial aid.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	21.38	No
1	2.59	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because you did not have enough information about how to apply for financial aid?" [N16CHSAPP]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Application

**Label:** Reason for not applying: no need

**Name:** REANOAPD

**Description:** The student did not apply for financial aid because he/she did not need financial aid.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	12.66	No
1	11.31	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because you could afford to go to school without financial aid?" [N16CNONEED]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Application

**Label:** Reason for not applying: thought ineligible

**Name:** REANOAPE

**Description:** The student did not apply for financial aid because he/she thought he/she would be ineligible.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	14.30	No
1	9.67	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because you thought you would be ineligible?" [N16CTHKEL]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Application

**Label:** Reason for not applying: other

**Name:** REANOAPF

**Description:** The student did not apply for financial aid because of other reason not listed.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	20.89	No
1	3.08	Yes
-3	76.03	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Please indicate whether the following were reasons you did not apply for financial aid. Was it because of other reason not listed?" [N16CAPOTH]

**Applies to:** Respondents who did not apply for financial aid (AIDAPP=0).

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative amount borrowed for undergrad

**Name:** BORAMT1

**Description:** Includes all loans ever borrowed for undergraduate education in 2015-16 and prior years. Excludes Parent PLUS loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.22	Positive values, see statistics below
0	43.78	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	208042.00	26280.71	19348.71

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of cumulative federal amount borrowed for undergraduate education (FEDCUM1) and cumulative non-federal (private) amount borrowed for undergraduate education (NFEDCUM1). Besides federal loans, undergraduates may also borrow from other sources such as banks, credit unions, states, and institutions (see NFEDCUM1). The NPSAS:16 interview asked respondents to report the cumulative amount of private loans borrowed for their undergraduate education, which differs from prior NPSAS studies. To minimize double-counting and inconsistencies between different data sources, responses to non-federal loan items from the interview were compared to the cumulative federal amount borrowed for undergraduate education (FEDCUM1) derived from administrative NSLDS data as well as self-reported cumulative total amount of undergraduate loans borrowed (of any type) from the interview. To analyze the total amount still owed on these undergraduate loans, see OWEAMT1, which is the amount of principal balance outstanding, or TOTDUE1, which is the amount outstanding including both principal and interest.

**Code:** BORAMT1 = FEDCUM1 + NFEDCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative amount borrowed for grad

**Name:** BORAMT2

**Description:** Includes all loans ever borrowed for graduate education for 2015-16 and prior years, including federal loans and loans from other sources such as banks, credit unions, states, and institutions. Includes Graduate PLUS loans (GPLUSCUM), but excludes Parent PLUS Loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.47	Positive values, see statistics below

0	43.53	{Zero}
---	-------	--------

Minimum	Maximum	Average	Standard Deviation
100.00	505000.00	52141.32	54413.68

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of cumulative federal amount borrowed for graduate education (FEDCUM2) and cumulative non-federal (private) amount borrowed for graduate education (NFEDCUM2). The NPSAS:16 interview asked respondents to report the cumulative amount of private loans borrowed for their graduate education, which differs from prior NPSAS studies. To minimize double-counting and inconsistencies between different data sources, responses to non-federal loan items from the interview were compared to the cumulative federal amount borrowed for graduate education (FEDCUM2) derived from administrative NSLDS data as well as self-reported cumulative total amount of graduate loans borrowed (of any type) from the interview. To analyze the total amount still owed on these graduate loans, see OWEAMT2, which is the amount of principal balance outstanding, or TOTDUE2, which is the amount outstanding including both principal and interest.

**Code:** BORAMT2 = FEDCUM2 + NFEDCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative amount borrowed for undergraduate and graduate

**Name:** BORAMT3

**Description:** Includes all loans ever borrowed for both graduate and undergraduate education for 2015-16 and prior years, including federal loans and loans from other sources such as banks, credit unions, states, and institutions. Includes Graduate PLUS loans (GPLUSCUM), but excludes Parent PLUS loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	70.55	Positive values, see statistics below
0	29.45	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	545439.00	62673.61	56766.98

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of the cumulative amount borrowed for undergraduate education (BOARAMT1) and graduate education (BORAMT2). The NPSAS:16 interview asked students to report the cumulative amount of private loans taken out for undergraduate education (NFEDCUM1) and graduate education (NFEDCUM2), which differs from prior NPSAS studies. These values were used to derive the components BORAMT1 and BORAMT2. To analyze the total amount still owed on these undergraduate and graduate loans, see OWEAMT3, which is the amount of principal balance outstanding, or TOTDUE3, which is the amount outstanding including both principal and interest.

**Code:** BORAMT3 = BORAMT1 + BORAMT2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative loan type for undergrad

**Name:** CUMLNTP1

**Description:** Source of the student's loans during undergraduate education.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	45.46	Federal only

2	1.90	Non-federal only
3	8.86	Federal and non-federal
4	43.78	No loans ever

Weight used in frequency: (WTA000)

**Notes:** Indicates whether the student borrowed from federal sources, non-federal sources, both federal and non-federal or never borrowed. It represents the cumulative loan activity for all undergraduate-level education through June 30, 2016, excluding Parent PLUS Loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Code:** IF FEDCUM1 > 0 AND NFEDCUM1 = 0 THEN CUMLNTP1 = 1;

IF FEDCUM1 = 0 AND NFEDCUM1 > 0 THEN CUMLNTP1 = 2;

IF FEDCUM1 > 0 AND NFEDCUM1 > 0 THEN CUMLNTP1 = 3;

IF FEDCUM1 = 0 AND NFEDCUM1 = 0 THEN CUMLNTP1 = 4;

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative loan type for grad

**Name:** CUMLNTP2

**Description:** Indicates the source of the student's loans during graduate education.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	47.06	Federal only
2	4.66	Non-federal only
3	4.75	Federal and non-federal
4	43.53	No loans ever

Weight used in frequency: (WTA000)

**Notes:** This variable indicates whether the student borrowed from federal sources, non-federal sources, both federal and non-federal or never borrowed. It represents the cumulative loan activity for all graduate-level education through June 30, 2016, excluding Parent PLUS Loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Code:** IF FEDCUM2 > 0 AND NFEDCUM2 = 0 THEN CUMLNTP2 = 1;

IF FEDCUM2 = 0 AND NFEDCUM2 > 0 THEN CUMLNTP2 = 2;

IF FEDCUM2 > 0 AND NFEDCUM2 > 0 THEN CUMLNTP2 = 3;

IF FEDCUM2 = 0 AND NFEDCUM2 = 0 THEN CUMLNTP2 = 4;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative loan type for undergrad and grad

**Name:** CUMLNTP3

**Description:** Indicates the source of the student's loans during undergraduate and graduate education.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	52.27	Federal only
2	4.67	Non-federal only
3	13.61	Federal and non-federal
4	29.45	No loans ever

Weight used in frequency: (WTA000)

**Notes:** This variable indicates whether the student borrowed from federal sources, non-federal sources, both federal and non-federal or never borrowed. It represents the cumulative loan activity for all undergraduate and graduate-level



education through June 30, 2016, excluding Parent PLUS Loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Code:** IF FEDCUM3 > 0 AND NFEDCUM3 = 0 THEN CUMLNTP3 = 1;

IF FEDCUM3 = 0 AND NFEDCUM3 > 0 THEN CUMLNTP3 = 2;

IF FEDCUM3 > 0 AND NFEDCUM3 > 0 THEN CUMLNTP3 = 3;

IF FEDCUM3 = 0 AND NFEDCUM3 = 0 THEN CUMLNTP3 = 4;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount for undergrad

**Name:** FEDCUM1

**Description:** Cumulative federal loan amounts borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	54.32	Positive values, see statistics below
0	45.68	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	102043.00	22947.28	14630.58

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Includes both Direct and Federal Family Education Loan Program (FFELP) Stafford Subsidized, Unsubsidized, Supplemental Loans for Students, and Perkins loans. Perkins Loans may be understated, because Perkins Loans were not always reported to NSLDS. Excludes Parent PLUS loans (PLUSCUM). To analyze the total amount still owed on these federal undergraduate loans, see FEDOWE1, which is the amount of principal balance outstanding, or FEDDUE1, which is the amount outstanding including both principal and interest.

**Code:** FEDCUM1 = STFCUM1 + PERKCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount for grad

**Name:** FEDCUM2

**Description:** Cumulative federal loan amount borrowed for graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	51.80	Positive values, see statistics below
0	48.20	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	500810.00	52710.00	54426.06

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Includes both Direct and Federal Family Education Loan Program (FFELP) Stafford Subsidized, Unsubsidized, Supplemental Loans for Students, Graduate PLUS loans, and Perkins loans. Perkins Loans may be understated, because Perkins Loans were not always reported to NSLDS. Perkins loans reported by the institution in the NPSAS year are included in this variable through PERKAMT. To analyze the total amount still owed on these federal graduate loans, see FEDOWE2, which is the amount of principal balance outstanding, or FEDDUE2, which is the amount outstanding including both principal and interest.

**Code:** FEDCUM2 = STFCUM2 + PERKCUM2 + GPLUSCUM;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount for undergrad and grad

**Name:** FEDCUM3

**Description:** Cumulative federal loan amount borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.88	Positive values, see statistics below
0	34.12	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	537252.00	60365.40	54788.40

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Includes both Direct and Federal Family Education Loan Program (FFELP) Stafford Subsidized, Unsubsidized, Supplemental Loans for Students, and Perkins loans. Perkins Loans may be understated, because Perkins Loans were not always reported to NSLDS. Perkins loans reported by the institution in the NPSAS year are included in this variable through PERKAMT. Excludes Parent PLUS loans (PLUSCUM). To analyze the total amount still owed on these federal undergraduate and graduate loans, see FEDOWE3, which is the amount of principal balance outstanding, or FEDDUE3, which is the amount outstanding including both principal and interest.

**Code:** FEDCUM3 = FEDCUM1 + FEDCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cum. federal loan amount owed, principal & interest, undergraduate

**Name:** FEDDUE1

**Description:** Indicates total amount owed, both principal and interest, on all federal loans for undergraduate education as of late 2016. Excludes Parent PLUS Loans.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.85	Positive values, see statistics below
0	58.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
53.00	195482.00	25993.09	19336.70

Weight used in frequency: (WTA000)

**Notes:** Based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from undergraduate-level Stafford loans, Perkins loans, and the undergraduate portion of consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE1 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for undergraduate education, see FEDCUM1.

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cum. federal loan amount owed, principal & interest, graduate

**Name:** FEDDUE2

**Description:** Indicates total amount owed, both principal and interest, on all federal loans for graduate education as of

late 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.21	Positive values, see statistics below
0	50.79	{Zero}

Minimum	Maximum	Average	Standard Deviation
60.00	679718.00	63600.08	68023.68

Weight used in frequency: (WTA000)

**Notes:** Based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from graduate-level Stafford loans, Perkins loans, Graduate PLUS Loans, and the graduate portion of consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE2 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for graduate education, see FEDCUM2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cum. federal loan amount owed, principal & interest, undergrad & grad

**Name:** FEDDUE3

**Description:** Indicates total amount owed, both principal and interest, on all federal loans as of late 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.51	Positive values, see statistics below
0	43.49	{Zero}

Minimum	Maximum	Average	Standard Deviation
53.00	701673.00	74635.21	69320.03

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of the total amount of undergraduate federal loans owed, principal and interest (FEDDUE1), and total amount of graduate federal loans owed, principal and interest (FEDDUE2). It is based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from Stafford loans, Perkins loans, Graduate PLUS Loans, and consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE3 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for undergraduate and graduate education, see FEDCUM3.

**Code:** FEDDUE3 = FEDDUE1 + FEDDUE2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount owed for undergrad

**Name:** FEDOWE1

**Description:** Indicates total amount owed (principal only) on all federal loans for undergraduate education as of late 2016. Excludes Parent PLUS Loans.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.85	Positive values, see statistics below
0	58.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	157313.00	24581.03	18052.91

Weight used in frequency: (WTA000)

**Notes:** Based on the total loan amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance from undergraduate-level Stafford loans, Perkins loans, and the undergraduate portion of consolidated loans. Since unsubsidized loans that are capitalized accumulate interest over time, the amount owed may be greater than the original amount borrowed. See FEDDUE1 for a similar variable that includes interest owed. To analyze the cumulative amount of federal loans borrowed for undergraduate education, see FEDCUM1.

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount owed for grad

**Name:** FEDOWE2

**Description:** Indicates total amount owed (principal only) on all federal loans for graduate education as of late 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.21	Positive values, see statistics below
0	50.79	{Zero}

Minimum	Maximum	Average	Standard Deviation
60.00	581360.00	59586.13	62881.02

Weight used in frequency: (WTA000)

**Notes:** Based primarily on the total loan amount outstanding as reported in the National Student Loan Data System history files. This includes the outstanding principal balance from graduate-level Stafford loans, Perkins loans, Graduate PLUS Loans, and the graduate portion of consolidated loans. Since unsubsidized loans that are capitalized accumulate interest over time, the amount owed may be greater than the original amount borrowed. See FEDDUE2 for a similar variable that includes interest owed. To analyze the cumulative amount of federal loans borrowed for graduate education, see FEDCUM2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative federal loan amount owed for undergrad or grad

**Name:** FEDOWE3

**Description:** Indicates total amount owed (principal only) on all federal loans for undergraduate or graduate education as of late 2016. Excludes Parent PLUS loans.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.51	Positive values, see statistics below
0	43.49	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	597726.00	70093.97	64190.47

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of the total amount of undergraduate federal loans owed, principal only (FEDOWE1), and total amount of graduate federal loans owed, principal only (FEDOWE2). It is based primarily on the total amount outstanding as reported in the National Student Loan Data System history files. This includes the outstanding principal balance from Stafford loans, Perkins loans, Graduate PLUS Loans, and consolidated loans. Since unsubsidized loans that are capitalized accumulate interest over time, the amount owed may be greater than the original amount borrowed. See FEDDUE3 for a similar variable that includes interest owed. To analyze the cumulative amount of federal loans borrowed for undergraduate and graduate education, see FEDCUM3.

**Code:** FEDOWE3 = FEDOWE1 + FEDOWE2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Graduate PLUS Loan amount

**Name:** GPLUSCUM

**Description:** Cumulative Direct Graduate PLUS Loans ever borrowed by the student through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	13.43	Positive values, see statistics below
0	86.57	{Zero}

Minimum	Maximum	Average	Standard Deviation
132.00	322844.00	38825.07	38883.83

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative non-federal loan amount for undergrad

**Name:** NFEDCUM1

**Description:** Cumulative non-federal/private loan amount borrowed for undergraduate education through June 30, 2016.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.76	Positive values, see statistics below
0	89.24	{Zero}

Minimum	Maximum	Average	Standard Deviation
135.00	150000.00	21474.83	21944.43

Weight used in frequency: (WTA000)

**Notes:** This variable was first based on the student interview question: "Of the \$[Total amount] you borrowed for your undergraduate education, how much was in private loans?" [N16CUGPRVT]. To minimize double-counting and inconsistencies between different data sources, responses to this item were compared to the cumulative federal amount borrowed for undergraduate education (FEDCUM1) derived from administrative NSLDS data as well as self-reported cumulative total amount of undergraduate loans borrowed (of any type) from the interview. Non-federal or

private loans include loans borrowed from sources such as banks, states, or institutions.

**Code:** NFEDCUM1=BORAMT1-FEDCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative non-federal loan amount for grad

**Name:** NFEDCUM2

**Description:** Cumulative non-federal/private loan amount borrowed for graduate education through June 30, 2016.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	9.41	Positive values, see statistics below
0	90.59	{Zero}

Minimum	Maximum	Average	Standard Deviation
124.00	200000.00	22708.41	24778.28

Weight used in frequency: (WTA000)

**Notes:** This variable was first based on the student interview question: "Of the \$[Total amount] you borrowed for your graduate education, how much was in private loans?" [N16CGRPRVT]. To minimize double-counting and inconsistencies between different data sources, responses to this item were compared to the cumulative federal amount borrowed for graduate education (FEDCUM2) derived from administrative NSLDS data as well as self-reported cumulative total amount of graduate loans borrowed (of any type) from the interview. Non-federal or private loans include loans borrowed from sources such as banks, states, or institutions.

**Code:** NFEDCUM2 = BORAMT2 - FEDCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative non-federal loan amount for undergrad and grad

**Name:** NFEDCUM3

**Description:** Cumulative non-federal/private loan amount borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	18.28	Positive values, see statistics below
0	81.72	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	243068.00	24325.34	27283.68

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of non-federal/private loans borrowed for undergraduate education (NFEDCUM1) and non-federal/private loans borrowed for graduate education (NFEDCUM2).

**Code:** NFEDCUM3 = NFEDCUM1 + NFEDCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Amount still owed on all undergraduate loans

**Name:** OWEAMT1

**Description:** Indicates total amount owed (principal only) on all loans for undergraduate education as of 2016. Does not include Parent PLUS Loans.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	43.32	Positive values, see statistics below
0	56.68	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	229072.00	27781.15	22308.63

Weight used in frequency: (WTA000)

**Notes:** This variable is based on National Student Loan Data System (NSLDS) cumulative federal loan amount outstanding (FEDOWE1) plus the cumulative amount of non-federal (private) loans from undergraduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount owed on federal loans (FEDOWE1) to the total amount of federal loans borrowed (FEDCUM1) and assumes the respondent had an equal repayment rate for federal and non-federal loans. The outstanding amounts of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) reported in NSLDS includes the cumulative capitalized interest owed, so that the amount owed may be greater than the original amount borrowed. See TOTDUE1 for a similar variable that includes interest owed. To analyze the cumulative amount of loans borrowed for undergraduate education, see BORAMT1.

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Amount still owed on all graduate loans

**Name:** OWEAMT2

**Description:** Indicates total amount owed (principal only) on all loans for graduate education as of late 2016.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	53.68	Positive values, see statistics below
0	46.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
60.00	581360.00	58679.49	62805.31

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the National Student Loan Data System (NSLDS) cumulative federal loan amount outstanding (FEDOWE2) plus the cumulative amount of non-federal (private) loans from graduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount owed on federal loans (FEDOWE2) to the total amount of federal loans borrowed (FEDCUM2) and assumes the respondent had an equal repayment rate for federal and non-federal loans. The outstanding amounts of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) reported in NSLDS includes the cumulative capitalized interest owed, so that the amount owed may be greater than the original amount borrowed. See TOTDUE2 for a similar variable that includes interest owed. To analyze the cumulative amount of loans borrowed for graduate education, see BORAMT2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Amount still owed on all education loans

**Name:** OWEAMT3

**Description:** Indicates total amount owed (principal only) on all loans for both undergraduate and graduate education as of late 2016. Does not include Parent PLUS Loans.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	61.17	Positive values, see statistics below
0	38.83	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	597726.00	71162.62	65939.12

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of amount owed for undergraduate loans (OWEAMT1) and the amount owed for graduate loans (OWEAMT2). The outstanding amounts of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) reported in NSLDS includes the cumulative capitalized interest owed, so that the amount owed may be greater than the original amount borrowed. See TOTDUE3 for a similar variable that includes interest owed. To analyze the cumulative amount of loans borrowed for undergraduate and graduate education, see BORAMT3.

**Code:** OWEAMT3 = OWEAMT1 + OWEAMT2

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Perkins amount for undergrad

**Name:** PERKCUM1

**Description:** Indicates the cumulative amount of Perkins Loans ever borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	13.18	Positive values, see statistics below
0	86.82	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	23299.00	3191.03	2774.08

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System (NSLDS) loan history data. Perkins Loan amounts may be understated, because Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST). Perkins Loans are not always reported to NSLDS.

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Perkins amount for grad

**Name:** PERKCUM2

**Description:** Indicates the cumulative amount of Perkins Loans ever borrowed for graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.36	Positive values, see statistics below
0	96.64	{Zero}

Minimum	Maximum	Average	Standard Deviation
---------	---------	---------	--------------------



250.00	40324.00	6742.02	6180.81
--------	----------	---------	---------

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System (NSLDS) loan history data. Perkins Loan amounts may be understated, because Perkins Loans are not always reported to NSLDS. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST). Perkins loans reported by the institution in the NPSAS year are included in this variable through PERKAMT.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Perkins amount for undergrad and grad

**Name:** PERKCUM3

**Description:** Indicates the cumulative amount of Perkins Loans ever borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	15.75	Positive values, see statistics below
0	84.25	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	40324.00	4107.63	4289.70

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Perkins Loan amounts may be understated, because Perkins Loans are not always reported to NSLDS. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** PERKCUM3 = PERKCUM1 + PERKCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Parent PLUS Loans

**Name:** PLUSCUM

**Description:** Indicates the cumulative amount of Parent PLUS Loans ever borrowed by parents for the student through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.52	Positive values, see statistics below
0	89.48	{Zero}

Minimum	Maximum	Average	Standard Deviation
141.00	198824.00	25777.45	26409.67

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System loan history data. Parent PLUS Loans are only available to the parents of dependent undergraduates. Since this variable includes amounts borrowed prior to 2015-16 (at any time that the student was a dependent undergraduate), there may be positive values for students who were no longer dependent undergraduates in 2015-16.

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized and Unsubsidized Loans for undergrad

**Name:** STFCUM1

**Description:** Cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loans) amount borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	54.00	Positive values, see statistics below
0	46.00	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	102043.00	22300.63	14312.00

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Includes a few loans from the Supplemental Loans for Students program, which was repealed and merged with the Stafford Loan Program in 1994. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized and Unsubsidized Loans for grad

**Name:** STFCUM2

**Description:** Cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) amount borrowed for graduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	51.67	Positive values, see statistics below
0	48.33	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	268944.00	42323.97	36662.12

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System loan data. Includes a few loans from the Supplemental Loans for Students program, which was repealed and merged with the Stafford Loan Program in 1994. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized & Unsubsidized Loans for undergrad & grad

**Name:** STFCUM3

**Description:** Cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) amount borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	65.70	Positive values, see statistics below
0	34.30	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	277944.00	51611.38	39539.39

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Includes a few loans from the Supplemental Loans for Students program, which was repealed and merged with the Stafford Loan Program in 1994. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** STFCUM3 = STFCUM1 + STFCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized Loans for undergrad

**Name:** STSBCUM1

**Description:** Cumulative Direct Subsidized Loan (also known as subsidized Stafford Loans) amounts borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.62	Positive values, see statistics below
0	50.38	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	41473.00	13023.20	6993.30

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Loans missing academic level information were logically imputed as graduate or undergraduate according to loan period enrollment dates and bachelor's degree completion dates (BAYEARM).

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized Loans for grad

**Name:** STSBCUM2

**Description:** Cumulative Direct Subsidized Loan (also known as subsidized Stafford Loan) amount borrowed for graduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	12.70	Positive values, see statistics below
0	87.30	{Zero}

Minimum	Maximum	Average	Standard Deviation
23.00	87452.00	16576.80	12274.23

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST). As of July 1, 2012 graduate and professional students were no longer eligible to receive Direct Subsidized Loans.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized Loans for undergrad and grad

**Name:** STSBCUM3

**Description:** Cumulative Direct Subsidized Loan (also known as subsidized Stafford Loans) amount borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	52.96	Positive values, see statistics below
0	47.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	98202.00	16177.82	10796.44

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST). As of July 1, 2012 graduate and professional students were no longer eligible to receive Direct Subsidized Loans.

**Code:** STSBCUM3 = STSBCUM1 + STSBCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized and Perkins Loans for undergrad

**Name:** SUBCUM1

**Description:** Cumulative federal subsidized loan amount borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.98	Positive values, see statistics below
0	50.02	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	46299.00	13771.89	7648.85

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** SUBCUM1 = STSBCUM1 + PERKCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized and Perkins Loans for grad

**Name:** SUBCUM2

**Description:** Cumulative federal subsidized loan amount borrowed for graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	14.94	Positive values, see statistics below
0	85.06	{Zero}

Minimum	Maximum	Average	Standard Deviation
23.00	87452.00	15608.46	12696.44

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Perkins Loans may be understated, because Perkins Loans were not always reported to NSLDS. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** SUBCUM2 = STSBCUM2 + PERKCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cumulative Direct Subsidized and Perkins Loans for undergrad and grad

**Name:** SUBCUM3

**Description:** Cumulative federal subsidized loan amount borrowed for undergraduate and graduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	53.83	Positive values, see statistics below
0	46.17	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	98202.00	17115.57	11603.33

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System (NSLDS) loan history data. Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** SUBCUM3 = SUBCUM1 + SUBCUM2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cum. amount owed, principal & interest, all loans for graduate

**Name:** TOTDUE2

**Description:** Indicates total amount owed, both principal and interest, on all loans for graduate education as of late 2016.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	53.68	Positive values, see statistics below

0	46.32	{Zero}
---	-------	--------

Minimum	Maximum	Average	Standard Deviation
60.00	683245.00	62437.38	67825.58

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the National Student Loan Data System cumulative federal loan amount outstanding, principal and interest (FEDDUE2) plus the cumulative amount of non-federal (private) loans from graduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount due on federal loans (FEDDUE2) to the total amount of federal loans borrowed (FEDCUM2). This assumes the respondent had an equal repayment rate for federal and non-federal (private) loans. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable OWEAMT2 contains principal amount only for federal loans, which can include capitalized interest for unsubsidized federal loans, but otherwise does not include interest. Interest and principal were not differentiated for non-federal (private) loans. To analyze the cumulative amount of loans borrowed for graduate education, see BORAMT2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Borrowed cumulative

**Label:** Cum. amount owed, principal & interest, all education loans

**Name:** TOTDUE3

**Description:** Indicates total amount owed, both principal and interest, on all loans for undergraduate or graduate education as of late 2016.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	61.17	Positive values, see statistics below
0	38.83	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	711714.00	75523.44	71019.14

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of amount owed, principal and interest, for undergraduate loans (TOTDUE1) and the amount owed, principal and interest, for graduate loans (TOTDUE2). Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable OWEAMT3 contains principal amount only for federal loans, which can include capitalized interest for unsubsidized federal loans, but otherwise does not include interest. Interest and principal were not differentiated for non-federal (private) loans. To analyze the cumulative amount of loans borrowed for undergraduate and graduate education, see BORAMT3.

**Code:** TOTDUE3 = TOTDUE1 + TOTDUE2

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Direct Loans

**Label:** Direct Unsubsidized Loan total maximum

**Name:** STAFCT2

**Description:** Classifies Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount received in 2015-16 (STAFFAMT) into categories based on the annual program maximum.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	60.05	No Direct Subsidized or Unsubsidized Loan
2	21.19	Less than Direct Sub & Unsub program maximum

3	12.84	Usual Direct Sub & Unsub program maximum
4	4.27	Exceptional Direct Sub & Unsub maximum
5	1.64	Exceeded maximum due to multiple academic years

Weight used in frequency: (WTA000)

**Notes:** The maximum Direct Unsubsidized loan amount in 2015-16 for graduate students was \$20,500. There are exceptions to these limits. Students in certain health profession fields are eligible to borrow additional Direct Unsubsidized loans up to \$47,167 for some programs. These students were set to "Exceptional Direct Unsubsidized maximum." Alternatively or additionally, some students receive more than the maximum amount within the federal award year (July 1 - June 30) when institutions award Direct Loans using a borrower-based academic year (BBAY), which does not have fixed beginning and ending dates like a traditional academic year calendar, and floats with the student's attendance. If two BBAYs overlapped the federal award year, the program maximum for these borrowers was set to "Exceeded the maximum because of multiple academic years." Starting July 1, 2012, graduate and professional students were no longer eligible for Direct Subsidized loans, so this variable reflects Direct Unsubsidized loans (STAFUNSB) only.

**Applies to:** All respondents.

**Subject:** Financial aid: Direct Loans

**Label:** Year of first Direct Subsidized or Unsubsidized Loan

**Name:** STAFFST

**Description:** This variable indicates the first calendar year that a Direct Subsidized or Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) was received through 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
-3	34.30	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1965.00	2016.00	2005.54	8.21

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files.

**Applies to:** Respondents who received a Direct Subsidized or Unsubsidized Loan or Stafford Loan.

**Subject:** Financial aid: Direct Loans

**Label:** Year of last Direct Subsidized or Unsubsidized Loan

**Name:** STAFST

**Description:** This variable indicates the last year that a student received a Direct Subsidized or Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan).

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
-3	34.30	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1970.00	2016.00	2013.03	6.19

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files.

**Applies to:** Respondents who received a Direct Subsidized or Unsubsidized Loan or Stafford Loan through 2016.

**Subject:** Financial aid: Direct Loans

**Label:** Number of years received Direct Subsidized or Unsubsidized Loans

**Name:** STAFYRS

**Description:** The number of years that the student received Direct Subsidized Loans or Direct Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) through 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
0	34.30	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	21.00	4.91	2.73

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files. For students who did not receive Direct Subsidized Loans or Direct Unsubsidized Loans, this variable was set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Applied for any aid

**Name:** AIDAPP

**Description:** Indicates whether the student applied for financial aid for the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student records

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.97	No
1	76.03	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "yes" if any of the following were true:

- Student had a federal financial aid application (FEDAPP=1)
- Student received financial aid (TOTALID>0)
- Student indicated in the interview that he/she had applied for financial aid.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Federal campus-based aid (Perkins & FWS)

**Name:** CAMPAMT

**Description:** Total amount of federal aid received during the 2015-16 academic year allocated by the institution's financial aid office (i.e., campus-based).

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.20	Positive values, see statistics below
0	96.80	{Zero}



Minimum	Maximum	Average	Standard Deviation
100.00	22000.00	4332.67	2877.43

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal work-study (TFEDWRK), and Perkins loans (PERKAMT). All federal campus-based aid is allocated on the basis of need.

**Code:** CAMPAMT=SUM(OFF PERKAMT TFEDWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Applied for federal aid

**Name:** FEDAPP

**Description:** Indicates whether the student applied for federal financial aid for the 2015-16 academic year.

**Source:** FAFSA:16, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	50.49	No
1	49.51	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable was set to "yes" if the student had a record of a federal financial aid application for the 2015-16 academic year, or the student received any federal financial aid (TFEDAID>0). This variable was set to "no" if the student did not receive federal financial aid and did not file a federal aid application file.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Ratio of federal aid to total aid

**Name:** FEDPCT

**Description:** Ratio of total federal aid to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.61	Positive values, see statistics below
0	29.99	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	86.65	21.74

Weight used in frequency: (WTA000)

**Notes:** Equal to total federal aid (TFEDAID) divided by the total aid (TOTAID). Federal aid excludes Veterans' benefits and Department of Defense aid.

**Code:** IF TOTAID>0 THEN FEDPCT=ROUND((TFEDAID/TOTAID)\*100);

IF TOTAID<=0 THEN FEDPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Federal

**Label:** Total federal loans and grants

**Name:** FGRTLN

**Description:** Total amount of federal student loans and federal grants received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.96	Positive values, see statistics below
0	59.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23601.63	18883.30

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal loans (TFEDLN) and federal grants (TFEDGRT). Direct Unsubsidized annual loan limits apply to all students and increase by academic level. In 2015-16, the limit for graduate and professional students was \$20,500 (with higher limits for graduate and professional students in certain health fields). However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Code:** FGRTLN=TFEDLN+TFEDGRT;

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Total federal aid (excludes Veterans'/DOD)

**Name:** TFEDAID

**Description:** Total amount of federal aid (excluding Veterans' benefits & DOD) received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.61	Positive values, see statistics below
0	58.39	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	125640.00	23392.68	18957.33

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal grants (TFEDGRT), federal loans (TFEDLN), and federal work-study (TFEDWRK). TFEDAID includes both Title IV (TITIVAMT) and non-Title IV federal aid programs. The latter includes federal health professions loans and other smaller federal grant programs (OTHFDGRT).

**Code:** TFEDAID=SUM(OF TFEDGRT TFEDLN TFEDWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Total federal aid (includes Veterans'/DOD)

**Name:** TFEDAID2

**Description:** Total amount of federal aid (including Veterans' benefits & DOD) received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	43.68	Positive values, see statistics below
0	56.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	125640.00	23350.05	19067.69

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of total federal aid (TFEDAID) and federal Veterans' education benefits and military education assistance (VADODAMT). TFEDAID2 includes both Title IV (TITIVAMT) and non-Title IV federal aid programs. The latter includes federal health professions loans, other federal grant programs (OTHFDGRT), and federal Veterans' education benefits and military/armed forces grants (VADODAMT).

**Code:** TFEDAID2=SUM(OF TFEDAID VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Federal work-study

**Name:** TFEDWRK

**Description:** Total amount of federal work-study awarded for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.93	Positive values, see statistics below
0	98.07	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	22000.00	3500.77	2340.74

Weight used in frequency: (WTA000)

**Notes:** Federal Work Study is a campus-based federal aid program and awarded on the basis of need. Student records were the primary source used, which collected the amount of Federal Work Study awarded, rather than the amount received or disbursed by the institution to the student upon completion of the work. As such, these estimates should be used with caution, as they do not represent the amount of money that went toward paying for school in all cases.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal

**Label:** Total federal Title IV aid

**Name:** TITIVAMT

**Description:** Total amount of federal Title IV financial aid received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.22	Positive values, see statistics below
0	58.78	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	125640.00	23383.33	18842.72

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Title IV loans (T4LNAMT1), TEACH grants (TEACHGRT), and federal college work-study (TFEDWRK). Unlike total federal aid (TFEDAID), this variable excludes non-Title IV programs like federal health professions loans and other federal grant programs (OTHFDGRT). TEACH grants (TEACHGRT) are included in TITIVAMT since they are also disbursed under Title IV. NPSAS:12 included TEACH grants as other federal grants (OTHFDGRT) and did not report them separately. Also see TFEDAID2, which includes federal Veterans' benefits and

Department of Defense grants (VADODAMT).

**Code:** TITIVAMT=SUM(OF T4LNAMT1 TEACHGRT TFEDWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal grants

**Label:** Ratio of federal grants to total aid

**Name:** FEDGRPCT

**Description:** Ratio of total federal grants to total aid received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.02	Positive values, see statistics below
0	70.58	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	41.31	33.96

Weight used in frequency: (WTA000)

**Code:** IF TOTAID > 0 THEN FEDGRPCT=ROUND((TFEDGRT/TOTAID)\*100);

IF TOTAID<=0 THEN FEDGRPCT=-3;

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Federal grants

**Label:** Cumulative Pell amount

**Name:** PELLCUM

**Description:** Cumulative amount of Pell grant funds ever received between the 1993-94 and 2015-16 award years.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	36.31	Positive values, see statistics below
0	63.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
96.00	46883.00	11628.87	8439.70

Weight used in frequency: (WTA000)

**Notes:** Based on the National Student Loan Data System files that began recording annual Pell amounts starting with the 1993-94 award year and student records. Pell grants are only awarded to undergraduates.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal grants

**Label:** First year received a Pell grant

**Name:** PELLFST

**Description:** The first year that a Pell grant was received between the 1993-94 and 2015-16 award years.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	36.31	Positive values, see statistics below

-3	63.69	{Skipped}
----	-------	-----------

Minimum	Maximum	Average	Standard Deviation
1994.00	2015.00	2005.40	5.71

Weight used in frequency: (WTA000)

**Notes:** Based on the National Student Loan Data System files that began recording annual Pell amounts starting with the 1993-94 award year and student records. Award years are indicated by the ending date, for example, 1994 represents the 1993-94 academic year. Pell grants are only awarded to undergraduates.

**Applies to:** All respondents who ever received a Pell grant (PELLCUM>0).

**Subject:** Financial aid: Federal grants

**Label:** Last year received a Pell grant

**Name:** PELLST

**Description:** The last year that a Pell grant was received between the 1993-94 and 2015-16 award years.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	36.31	Positive values, see statistics below
-3	63.69	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1994.00	2015.00	2008.99	5.46

Weight used in frequency: (WTA000)

**Notes:** Based on the National Student Loan Data System files that began recording annual Pell amounts starting with the 1993-94 award year. Award years are indicated by the ending date, for example, 1994 represents the 1993-94 academic year. Pell grants are only awarded to undergraduates.

**Applies to:** All respondents who received a Pell grant (PELLYRS>0).

**Subject:** Financial aid: Federal grants

**Label:** Number of years received Pell grants

**Name:** PELLYRS

**Description:** Number of years that a Pell grant was received between the 1993-94 and 2015-16 award years.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	36.31	Positive values, see statistics below
0	63.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	14.00	3.62	2.03

Weight used in frequency: (WTA000)

**Notes:** Based on the National Student Loan Data System files that began recording annual Pell amounts starting with the 1993-94 award year. For students who did not receive a Pell grant, this variable was set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal grants

**Label:** Federal TEACH grant amount

**Name:** TEACHGRT

**Description:** Amount of TEACH Grants received during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.42	Positive values, see statistics below
0	99.58	{Zero}

Minimum	Maximum	Average	Standard Deviation
699.00	5562.00	2437.66	914.48

Weight used in frequency: (WTA000)

**Notes:** Teacher Education Assistance for College and Higher Education (TEACH) grants are available to students who are completing or plan to complete course work needed to begin a career in teaching. Spending caps imposed by the Budget Control Act of 2011 (also known as sequestration) limited the maximum award to \$3,708 for grants disbursed from July 1, 2015 through September 30, 2015 and \$3,728 for grants disbursed from October 1, 2015 through June 30, 2016. In rare cases, a student may appear to have received above the maximum grant amount because of crossover payment periods. Recipients must agree to teach in a high-need field at an elementary school, secondary school, or educational service agency serving students from low-income families for at least 4 academic years within 8 years after completing (or ceasing enrollment in) the course of study for which they received the grant. If this service is not completed, all TEACH grant funds are converted to a Direct Unsubsidized Loan. NOTE: NPSAS:12 included TEACH grants as other federal grants (OTHFDGRT) and did not report them separately.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal grants

**Label:** Total federal grants (excludes Veterans'/DOD)

**Name:** TFEDGRT

**Description:** Total amount of federal grants received during the 2015-16 academic year excluding Veterans'/DOD.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.02	Positive values, see statistics below
0	98.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
260.00	42476.00	8237.73	9943.82

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Teach grants (TEACHGRT) and several small federal programs received during the 2015-16 academic year (OTHFDGRT). Does not include federal Veterans' benefits or military aid (VADODAMT).

**Code:** TFEDGRT=SUM(OF TEACHGRT OTHFDGRT);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal grants

**Label:** Total federal grants and Veterans'/DOD

**Name:** TFEDGRT2

**Description:** Total amount of all federal grants and federal Veterans' benefits and Department of Defense aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.87	Positive values, see statistics below
0	96.13	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	85973.00	14178.81	13644.98

Weight used in frequency: (WTA000)

**Code:** TFEDGRT2=SUM(OF TFEDGRT VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative federal loan amount for undergrad

**Name:** FEDCUM1

**Description:** Cumulative federal loan amounts borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	54.32	Positive values, see statistics below
0	45.68	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	102043.00	22947.28	14630.58

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System (NSLDS) loan data. Includes both Direct and Federal Family Education Loan Program (FFELP) Stafford Subsidized, Unsubsidized, Supplemental Loans for Students, and Perkins loans. Perkins Loans may be understated, because Perkins Loans were not always reported to NSLDS. Excludes Parent PLUS loans (PLUSCUM). To analyze the total amount still owed on these federal undergraduate loans, see FEDOWE1, which is the amount of principal balance outstanding, or FEDDUE1, which is the amount outstanding including both principal and interest.

**Code:** FEDCUM1 = STFCUM1 + PERKCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cum. federal loan amount owed, principal & interest, undergraduate

**Name:** FEDDUE1

**Description:** Indicates total amount owed, both principal and interest, on all federal loans for undergraduate education as of late 2016. Excludes Parent PLUS Loans.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.85	Positive values, see statistics below
0	58.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
53.00	195482.00	25993.09	19336.70

Weight used in frequency: (WTA000)

**Notes:** Based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from undergraduate-level Stafford loans, Perkins loans, and the undergraduate portion of consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE1 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for undergraduate education, see FEDCUM1.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cum. federal loan amount owed, principal & interest, graduate

**Name:** FEDDUE2

**Description:** Indicates total amount owed, both principal and interest, on all federal loans for graduate education as of late 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.21	Positive values, see statistics below
0	50.79	{Zero}

Minimum	Maximum	Average	Standard Deviation
60.00	679718.00	63600.08	68023.68

Weight used in frequency: (WTA000)

**Notes:** Based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from graduate-level Stafford loans, Perkins loans, Graduate PLUS Loans, and the graduate portion of consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE2 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for graduate education, see FEDCUM2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cum. federal loan amount owed, principal & interest, undergrad & grad

**Name:** FEDDUE3

**Description:** Indicates total amount owed, both principal and interest, on all federal loans as of late 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.51	Positive values, see statistics below
0	43.49	{Zero}

Minimum	Maximum	Average	Standard Deviation
53.00	701673.00	74635.21	69320.03

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of the total amount of undergraduate federal loans owed, principal and interest (FEDDUE1), and total amount of graduate federal loans owed, principal and interest (FEDDUE2). It is based on the total amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance and interest from Stafford loans, Perkins loans, Graduate PLUS Loans, and consolidated loans. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable FEDOWE3 contains principal amount only, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. To analyze the cumulative amount of federal loans borrowed for undergraduate and



graduate education, see FEDCUM3.

**Code:** FEDDUE3 = FEDDUE1 + FEDDUE2;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative federal loan amount owed for undergrad

**Name:** FEDOWE1

**Description:** Indicates total amount owed (principal only) on all federal loans for undergraduate education as of late 2016. Excludes Parent PLUS Loans.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.85	Positive values, see statistics below
0	58.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	157313.00	24581.03	18052.91

Weight used in frequency: (WTA000)

**Notes:** Based on the total loan amount outstanding as reported in the National Student Loan Data System files. This includes the outstanding principal balance from undergraduate-level Stafford loans, Perkins loans, and the undergraduate portion of consolidated loans. Since unsubsidized loans that are capitalized accumulate interest over time, the amount owed may be greater than the original amount borrowed. See FEDDUE1 for a similar variable that includes interest owed. To analyze the cumulative amount of federal loans borrowed for undergraduate education, see FEDCUM1.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Direct PLUS Loans to graduate students

**Name:** GPLUSAMT

**Description:** Total amount of Direct PLUS loans to graduate students received at all institutions attended during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.02	Positive values, see statistics below
0	89.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
88.00	100111.00	22316.16	16191.36

Weight used in frequency: (WTA000)

**Notes:** Direct PLUS loans to graduate students are available to graduate and doctor's degree-professional practice students, in addition to any Federal Direct Loans for which students are eligible. Direct PLUS loans to graduate students are not based on need and may be used to cover the federal Expected Family Contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to graduate students, the loan may not exceed the student budget minus any other financial aid already received. Direct PLUS loans to graduate students are only available to students who can meet certain credit-worthiness criteria; if they cannot do so, the student will need a cosigner for the loan.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Federal loans

**Label:** Perkins loan

**Name:** PERKAMT

**Description:** Total amount of federal Perkins loans received at all institutions attended during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.49	Positive values, see statistics below
0	98.51	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	8000.00	4769.05	2527.54

Weight used in frequency: (WTA000)

**Notes:** The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. The total annual Perkins loan amount for graduate students cannot exceed \$8,000. NOTE: The federal Perkins loan program expired on September 30, 2015 but was reinstated in December of 2015. Amounts for this variable may not be comparable to prior NPSAS studies.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative Perkins amount for undergrad

**Name:** PERKCUM1

**Description:** Indicates the cumulative amount of Perkins Loans ever borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	13.18	Positive values, see statistics below
0	86.82	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	23299.00	3191.03	2774.08

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System (NSLDS) loan history data. Perkins Loan amounts may be understated, because Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST). Perkins Loans are not always reported to NSLDS.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative Parent PLUS Loans

**Name:** PLUSCUM

**Description:** Indicates the cumulative amount of Parent PLUS Loans ever borrowed by parents for the student through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.52	Positive values, see statistics below

0	89.48	{Zero}
---	-------	--------

Minimum	Maximum	Average	Standard Deviation
141.00	198824.00	25777.45	26409.67

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System loan history data. Parent PLUS Loans are only available to the parents of dependent undergraduates. Since this variable includes amounts borrowed prior to 2015-16 (at any time that the student was a dependent undergraduate), there may be positive values for students who were no longer dependent undergraduates in 2015-16.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Direct Unsubsidized Loan total maximum

**Name:** STAFCT2

**Description:** Classifies Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount received in 2015-16 (STAFFAMT) into categories based on the annual program maximum.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	60.05	No Direct Subsidized or Unsubsidized Loan
2	21.19	Less than Direct Sub & Unsub program maximum
3	12.84	Usual Direct Sub & Unsub program maximum
4	4.27	Exceptional Direct Sub & Unsub maximum
5	1.64	Exceeded maximum due to multiple academic years

Weight used in frequency: (WTA000)

**Notes:** The maximum Direct Unsubsidized loan amount in 2015-16 for graduate students was \$20,500. There are exceptions to these limits. Students in certain health profession fields are eligible to borrow additional Direct Unsubsidized loans up to \$47,167 for some programs. These students were set to "Exceptional Direct Unsubsidized maximum." Alternatively or additionally, some students receive more than the maximum amount within the federal award year (July 1 - June 30) when institutions award Direct Loans using a borrower-based academic year (BBAY), which does not have fixed beginning and ending dates like a traditional academic year calendar, and floats with the student's attendance. If two BBAYs overlapped the federal award year, the program maximum for these borrowers was set to "Exceeded the maximum because of multiple academic years." Starting July 1, 2012, graduate and professional students were no longer eligible for Direct Subsidized loans, so this variable reflects Direct Unsubsidized loans (STAFUNSB) only.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Direct Subsidized and Unsubsidized Loans

**Name:** STAFFAMT

**Description:** Total amount of Federal Direct Loans (also known as Stafford Loans) received at all institutions attended during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	39.95	Positive values, see statistics below
0	60.05	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	67667.00	18157.02	10056.59

Weight used in frequency: (WTA000)

**Notes:** Equal to Federal Direct Unsubsidized Loans (STAFUNSB). See STAFUNSB for additional information. As of July 2012, graduate students were no longer eligible for Stafford Subsidized loans.

**Code:** STAFFAMT=STAFUNSB;

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Year of first Direct Subsidized or Unsubsidized Loan

**Name:** STAFFST

**Description:** This variable indicates the first calendar year that a Direct Subsidized or Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) was received through 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
-3	34.30	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1965.00	2016.00	2005.54	8.21

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files.

**Applies to:** Respondents who received a Direct Subsidized or Unsubsidized Loan or Stafford Loan.

**Subject:** Financial aid: Federal loans

**Label:** Year of last Direct Subsidized or Unsubsidized Loan

**Name:** STAFST

**Description:** This variable indicates the last year that a student received a Direct Subsidized or Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan).

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
-3	34.30	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1970.00	2016.00	2013.03	6.19

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files.

**Applies to:** Respondents who received a Direct Subsidized or Unsubsidized Loan or Stafford Loan through 2016.

**Subject:** Financial aid: Federal loans

**Label:** Direct Unsubsidized Loans

**Name:** STAFUNSB

**Description:** Total amount of Federal Direct Unsubsidized Loans (also known as unsubsidized Stafford loans) received during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	39.95	Positive values, see statistics below
0	60.05	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	67667.00	18157.02	10056.59

Weight used in frequency: (WTA000)

**Notes:** These are not awarded on the basis of need. Students who qualify for an unsubsidized loan are charged interest from the time the loan is disbursed until it is paid in full. Students can choose to pay the interest or allow it to accumulate. If the student allows the interest to accumulate, then the interest will be capitalized (i.e., added to the principal amount of the loan), usually when the student enters repayment on the loan. Federal Direct Unsubsidized annual loan limits apply to all students and increase by academic level. In 2015-16, the limit was \$12,500 for undergraduates and \$20,500 for graduate and professional students (with higher limits for graduate and professional students in certain health fields). However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Number of years received Direct Subsidized or Unsubsidized Loans

**Name:** STAFYRS

**Description:** The number of years that the student received Direct Subsidized Loans or Direct Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) through 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	65.70	Positive values, see statistics below
0	34.30	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	21.00	4.91	2.73

Weight used in frequency: (WTA000)

**Notes:** Based on National Student Loan Data System files. For students who did not receive Direct Subsidized Loans or Direct Unsubsidized Loans, this variable was set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative Direct Subsidized and Unsubsidized Loans for undergrad

**Name:** STFCUM1

**Description:** Cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loans) amount borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	54.00	Positive values, see statistics below

0	46.00	{Zero}
---	-------	--------

Minimum	Maximum	Average	Standard Deviation
8.00	102043.00	22300.63	14312.00

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Includes a few loans from the Supplemental Loans for Students program, which was repealed and merged with the Stafford Loan Program in 1994. Loans missing academic level information were logically imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative Direct Subsidized Loans for undergrad

**Name:** STSBCUM1

**Description:** Cumulative Direct Subsidized Loan (also known as subsidized Stafford Loans) amounts borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.62	Positive values, see statistics below
0	50.38	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	41473.00	13023.20	6993.30

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Loans missing academic level information were logically imputed as graduate or undergraduate according to loan period enrollment dates and bachelor's degree completion dates (BAYEARM).

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Cumulative Direct Subsidized and Perkins Loans for undergrad

**Name:** SUBCUM1

**Description:** Cumulative federal subsidized loan amount borrowed for undergraduate education through June 30, 2016.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	49.98	Positive values, see statistics below
0	50.02	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	46299.00	13771.89	7648.85

Weight used in frequency: (WTA000)

**Notes:** Based primarily on National Student Loan Data System loan history data. Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS. Loans missing academic level information were logically

imputed as graduate and undergraduate according to loan period enrollment dates and student type indicator from the NPSAS year (STYPELST).

**Code:** SUBCUM1 = STSBCUM1 + PERKCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Title IV loans

**Name:** T4LNAMT1

**Description:** Total amount of federal Title IV loans received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.45	Positive values, see statistics below
0	59.55	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23633.59	18763.79

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Perkins loans (PERKAMT), Federal Direct Loans (STAFFAMT), and Graduate PLUS Loans (GPLUSAMT). For all federal loan programs see TFEDLN. Federal Direct loans have annual limits that apply to all students and increase by academic level. However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. NOTE: The federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

**Code:** T4LNAMT1 = STAFFAMT + PERKAMT + GPLUSAMT;

**Applies to:** All respondents.

**Subject:** Financial aid: Federal loans

**Label:** Total federal loans

**Name:** TFEDLN

**Description:** Total amount of all federal loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.45	Positive values, see statistics below
0	59.55	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23686.70	18880.29

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Perkins loans (PERKAMT), Federal Direct Loans (STAFFAMT), Graduate PLUS Loans (GPLUSAMT), and federal health professions loans. Frequencies for health professions loans are too low to provide separately. Federal Direct loans have annual limits that apply to all students and increase by academic level. However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Applies to:** All respondents.

**Subject:** Financial aid: Graduate

**Label:** Total assistantships amount

**Name:** GRASTAMT

**Description:** Total amount of all graduate student assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	7.74	Positive values, see statistics below
0	92.26	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	83433.00	13428.67	10849.51

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of research assistantships (GRRESAMT), teaching assistantships (GRTEAAMT), and any other type of graduate assistantship (GRGRDAMT). May include assistantships funded from outside sources.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Graduate

**Label:** Other graduate assistantship amount

**Name:** GRGRDAMT

**Description:** Total amount of graduate assistantships other than research or teaching assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.61	Positive values, see statistics below
0	97.39	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	42172.00	9233.17	7853.97

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with student interview responses.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Graduate

**Label:** Graduate fellowship amount

**Name:** GRINFEL

**Description:** Total amount of graduate fellowships or grants from institutional sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	19.84	Positive values, see statistics below
0	80.16	{Zero}



Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9462.12	12551.31

Weight used in frequency: (WTA000)

**Notes:** Fellowships that do not have an identified source are classified as institutional. First based on the student records; if not available, then the student interview was used.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Graduate

**Label:** Graduate research assistantship amount

**Name:** GRRESAMT

**Description:** Total amount of graduate research assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.18	Positive values, see statistics below
0	97.82	{Zero}

Minimum	Maximum	Average	Standard Deviation
14.00	80000.00	15861.46	12172.77

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with student interview responses.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Graduate

**Label:** Graduate teaching assistantship amount

**Name:** GRTEAAMT

**Description:** Total amount of graduate teaching assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.62	Positive values, see statistics below
0	96.38	{Zero}

Minimum	Maximum	Average	Standard Deviation
14.00	72720.00	12506.28	9778.96

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with responses from the student interview.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Grants

**Label:** Institutional tuition waivers for staff

**Name:** EMPLWAIV

**Description:** Total amount of tuition waivers for staff and families of staff at the institution attended during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	0.97	Positive values, see statistics below
0	99.03	{Zero}

Minimum	Maximum	Average	Standard Deviation
210.00	40097.00	6624.98	7444.37

Weight used in frequency: (WTA000)

**Notes:** This variable measures tuition waivers provided to students who are faculty or staff or the family of faculty or staff of a postsecondary institution (usually the NPSAS institution). This aid type is classified as institutional grants (INGRTAMT) but also included as part of total employer aid (EMPLYAMT). EMPLYAMT includes EMPLWAIV and other non-faculty and staff tuition waivers from either the students' or their parents' employer (EMPLYAM3).

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Employer aid (student & parents)

**Name:** EMPLYAM3

**Description:** Total amount of aid received from the student's or the parents' employers during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	12.96	Positive values, see statistics below
0	87.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
90.00	80000.00	5760.69	7619.73

Weight used in frequency: (WTA000)

**Notes:** For students attending public institutions, amounts greater than \$40,000 were edited and set to \$40,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). For students attending private institutions, amounts greater than \$60,000 were edited and set to \$60,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). Amounts that were determined to be duplicates of institutional grants (INGRTAMT) or graduate assistantships (GRASTAMT) were edited and set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Employer aid (includes college staff)

**Name:** EMPLYAMT

**Description:** Total amount of aid received from employers during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	13.58	Positive values, see statistics below
0	86.42	{Zero}

Minimum	Maximum	Average	Standard Deviation
90.00	80000.00	5971.05	7752.02

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of tuition waivers for employees and dependents of employees at postsecondary institutions (EMPLWAIV) and employer-paid tuition reimbursements to students or the parents of students (EMPLYAM3). The former were classified as institutional grants (INGRTAMT) and the latter as outside grants (OTHGTAMT). Employer paid tuition reimbursements are often paid directly to the student, not through the financial aid office, and so may be underreported by the student records. As a result, student interview responses were used as the primary source for this variable.

**Code:** EMPLYAMT=SUM(OF EMPLWAIV EMPLYAM3);

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Graduate fellowship amount

**Name:** GRINFEL

**Description:** Total amount of graduate fellowships or grants from institutional sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	19.84	Positive values, see statistics below
0	80.16	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9462.12	12551.31

Weight used in frequency: (WTA000)

**Notes:** Fellowships that do not have an identified source are classified as institutional. First based on the student records; if not available, then the student interview was used.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Grants

**Label:** Grant package by source of grant

**Name:** GRNTSRC

**Description:** Grant package by source of grant received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	59.65	No grant received
1	0.54	Federal only
2	1.24	State only
3	19.99	Institution only
4	12.60	Outside only
5	0.02	Federal and state
6	0.25	Federal and institution
7	0.15	Federal and outside
8	0.63	State and institution
9	0.15	State and outside
10	4.53	Institution and outside

11	0.01	Federal, state, and institution
13	0.05	Federal, institution, and outside
14	0.21	State, institution, and outside
15	0.00	Federal, state, institution, and outside

Weight used in frequency: (WTA000)

**Notes:** For students with any grant (TOTGRT>0), indicates combinations of federal grants (TFEDGRT), state grants (STGTAMT), institutional grants (INGRTAMT), and grants from other sources (OTHGTAMT).

**Code:** IF TOTGRT=0 THEN GRNTSRC=0;

ELSE IF TOTGRT > 0 THEN DO;

PACKTEMP=(TFEDGRT > 0) + 2\*(STGTAMT > 0) + 4\*(INGRTAMT > 0) + 8\*(OTHGTAMT > 0);

IF PACKTEMP=1 THEN GRNTSRC=1;

IF PACKTEMP=2 THEN GRNTSRC=2;

IF PACKTEMP=3 THEN GRNTSRC=5;

IF PACKTEMP=4 THEN GRNTSRC=3;

IF PACKTEMP=5 THEN GRNTSRC=6;

IF PACKTEMP=6 THEN GRNTSRC=8;

IF PACKTEMP=7 THEN GRNTSRC=11;

IF PACKTEMP=8 THEN GRNTSRC=4;

IF PACKTEMP=9 THEN GRNTSRC=7;

IF PACKTEMP=10 THEN GRNTSRC=9;

IF PACKTEMP=11 THEN GRNTSRC=12;

IF PACKTEMP=12 THEN GRNTSRC=10;

IF PACKTEMP=13 THEN GRNTSRC=13;

IF PACKTEMP=14 THEN GRNTSRC=14;

IF PACKTEMP=15 THEN GRNTSRC=15;

END;

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Ratio of grant aid to student budget

**Name:** GRTCST

**Description:** Total grants received (TOTGRT) as a percentage of the total student budget (BUDGETAJ).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	38.42	Positive values, see statistics below
0	57.07	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	164.00	31.27	27.29

Weight used in frequency: (WTA000)

**Notes:** In some cases total grants may exceed the total student budget (BUDGETAJ) leading to AIDCST values above 100. Though rare, this can occur when a student receives financial aid that is not required to be counted as expected financial assistance by financial aid officers in packaging financial aid. The most common occurrence of this is the receipt of Veterans' education benefits (VETTOT>0), which has been excluded from expected financial assistance for federal aid since July 1, 2009.

**Code:** GRTCST=ROUND(100\*(TOTGRT/BUDGETAJ));

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Grants

**Label:** Ratio of grants to total aid

**Name:** GRTPCT

**Description:** Ratio of total grants to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.28	Positive values, see statistics below
0	31.32	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	62.75	39.69

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all grants (TOTGRT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN GRTPCT=ROUND((TOTGRT/TOTAID)\*100);

IF TOTAID <= 0 THEN GRTPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Grants

**Label:** Ratio of grant aid to tuition

**Name:** GRTPCTTN

**Description:** Total grants received (TOTGRT) as a percentage of tuition and fees at NPSAS (TUITION2).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	38.46	Positive values, see statistics below
0	57.03	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	28985.00	81.39	192.10

Weight used in frequency: (WTA000)

**Notes:** Since grants may cover educational expenses other than tuition and fees, this percentage can be greater than 100.

**Code:** IF STUDMULT=1 THEN GRTPCTTN=ROUND(100\*(TOTGRT/TUITION2));

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Grants

**Label:** Institutional grants total

**Name:** INGRTAMT

**Description:** Total amount of all institutional grants received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	25.66	Positive values, see statistics below
0	74.34	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9990.88	12372.71

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of graduate fellowships (GRINFEL), institutional tuition waivers (INSWAIV), Institutional military/armed forces grants (INSMILAMT), and institutional Veterans' education benefits (INSVETAMT). This variable does not include state grants for California public institutions that are funded by state dollars and allocated by the institutions (e.g., California State University Grants). These were classified as state grants (STGTAMT) in NPSAS:16, which differs from prior NPSAS studies.

**Code:** INGR TAMT=SUM(OF GRINFEL INSWAIV INSMILAMT INSVETAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Institution military/armed forces grants

**Name:** INSMILAMT

**Description:** Total amount of institution military/armed forces grants received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.25	Positive values, see statistics below
0	99.75	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	7875.00	2171.18	1389.51

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Institutional Veterans' education benefits

**Name:** INSVETAMT

**Description:** Total amount of institutional Veterans' education benefits received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.13	Positive values, see statistics below
0	99.87	{Zero}

Minimum	Maximum	Average	Standard Deviation
420.00	18000.00	3237.92	3558.67

Weight used in frequency: (WTA000)

**Notes:** This variable includes, but is not exclusive to, the institutional portion of Yellow Ribbon program benefits.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Institutional tuition & fee waivers

**Name:** INSWAIV

**Description:** Total amount of institutional tuition waivers received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	7.27	Positive values, see statistics below
0	92.73	{Zero}

Minimum	Maximum	Average	Standard Deviation
19.00	70501.00	9308.36	9311.20

Weight used in frequency: (WTA000)

**Notes:** Includes tuition waivers for faculty and staff and other tuition discounts.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Other federal grants (not Title IV)

**Name:** OTHFDGRT

**Description:** Total amount of grants from various small federal programs received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.60	Positive values, see statistics below
0	99.40	{Zero}

Minimum	Maximum	Average	Standard Deviation
260.00	42476.00	12327.28	11294.50

Weight used in frequency: (WTA000)

**Notes:** Includes the SDS public health service grants, Bureau of Indian Affairs grants, District of Columbia tuition grants, Iraq & Afghanistan service grants, and any federal fellowships or traineeships. The frequencies for most of these small federal programs were too low to report separately.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Outside grants (private & employer)

**Name:** OTHGTAMT

**Description:** Total amount of grants received during the 2015-16 academic year from outside private sources (PRIVAIID) or employers (EMPLYAM3).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	17.68	Positive values, see statistics below
0	82.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
75.00	80003.00	6247.63	8811.40

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of outside private sources grants (PRIVAIID) and employer aid (EMPLYAM3).

**Code:** OTHGTAMT=SUM(OFF PRIVAIID EMPLYAM3);

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Private source grants

**Name:** PRIVAID

**Description:** Total amount of grants and scholarships from private outside sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.30	Positive values, see statistics below
0	94.70	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	75000.00	6751.76	10415.52

Weight used in frequency: (WTA000)

**Notes:** For students attending public institutions, amounts greater than \$40,000 were edited and set to \$40,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). For students attending private institutions, amounts greater than \$60,000 were edited and set to \$60,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). Amounts that were determined to be duplicates of institutional grants (INGRTAMT) or employer aid (EMPLYAM3) were edited and set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State need-based grants

**Name:** STATNEED

**Description:** Total amount of state need-based grants received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.41	Positive values, see statistics below
0	98.59	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	22000.00	3689.63	3224.70

Weight used in frequency: (WTA000)

**Notes:** Includes state grants based only on need (STNDONLY) and those based on both need and merit (STNDMRT). To analyze state grants based solely on need, use STNDONLY. Included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., Community College Board of Governors Grants, California State University Grants, and Educational Opportunity Program grants). In past NPSAS studies, these were included as institutional need-based grants (INSTNEED). To compare estimates of state need-based grants over time, use this variable and STATNEED2 from prior NPSAS studies.

**Code:** STATNEED = STNDONLY + STNDMRT;

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State non-need & merit grants

**Name:** STATNOND

**Description:** Total amount of state grants and scholarships not based on need received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records



**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.85	Positive values, see statistics below
0	99.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
158.00	34344.00	4367.58	5900.27

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state merit-only grants (STMERIT), state non-need grants (STNOND1), state military/armed forces grants (STMILAMT), and state Veterans' education benefits (STVETAMT). Includes grants and scholarships based only on academic merit criteria such as high school grades and admission test scores as well as categorical grants restricted to students meeting other criteria that are not based on need. Many states have a variety of small categorical grant programs limited to certain categories of students, most frequently military personnel (National Guard, ROTC), survivors of MIA/POWs and police/firemen, or certain types of state employees.

**Code:** STATNOND=SUM(OF STMERIT STNOND1 STMILAMT STVETAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State grants total

**Name:** STGTAMT

**Description:** Total amount of state grants, scholarships, and fellowships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.25	Positive values, see statistics below
0	97.75	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	34344.00	3959.41	4440.62

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state need-based grants (STATNEED) and state non-need and merit grants (STATNOND). Includes the federal matching funds to states through the Leveraging Educational Assistance Partnership (LEAP) program. Also included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., California State University Grants). In past NPSAS studies, these were included as institutional grants (INGRTAMT).

**Code:** STGTAMT=SUM(OF STATNEED STATNOND);

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State merit-only grants

**Name:** STMERIT

**Description:** Total amount of state merit-only grants and scholarships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.11	Positive values, see statistics below
0	99.89	{Zero}

Minimum	Maximum	Average	Standard Deviation
231.00	16903.00	2119.37	3127.34

Weight used in frequency: (WTA000)

**Notes:** These are grants based only on academic merit criteria such as high school grades and admission test scores. STATNOND includes these academic merit programs as well as categorical grant programs limited to certain categories of students but not based on need criteria. STATNEED includes grants based on both need and academic merit criteria, as well as those based on need only. Students may receive both need-based and non-need-based grants.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State military/armed forces grants

**Name:** STMILAMT

**Description:** Total amount of state military/armed forces grants received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.01	Positive values, see statistics below
0	99.99	{Zero}

Minimum	Maximum	Average	Standard Deviation
440.00	1881.00	747.31	426.33

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State grants based both on need and merit

**Name:** STNDMRT

**Description:** Total amount of state grants based both on need and merit during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.12	Positive values, see statistics below
0	99.88	{Zero}

Minimum	Maximum	Average	Standard Deviation
600.00	13834.00	7111.70	4080.06

Weight used in frequency: (WTA000)

**Notes:** Many state grant programs have both need and merit components. The extent to which either one is required to receive these grants varies by state program and sometimes within the program itself. This variable is also a component of state need-based grants (STATNEED), which includes state need-based grants without a merit component (STNDONLY).

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State need-based only grants

**Name:** STNDONLY

**Description:** Total amount of state grants based only on need during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.30	Positive values, see statistics below
0	98.70	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	22000.00	3344.71	2913.11

Weight used in frequency: (WTA000)

**Notes:** This variable is also a component of state need-based grants (STATNEED), which includes state need-based grants that also have a merit component (STNDMRT).

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State non-need grants

**Name:** STNOND1

**Description:** Total amount of state grants received in 2015-16 academic year that were based neither on need nor merit.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.71	Positive values, see statistics below
0	99.29	{Zero}

Minimum	Maximum	Average	Standard Deviation
158.00	34344.00	4819.87	6231.59

Weight used in frequency: (WTA000)

**Notes:** Typically, these are small aid programs for specific categories of students, such as tuition waivers for state employees, teachers, or the survivors of police or firemen killed in the line of duty.

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** State Veterans' education benefits

**Name:** STVETAMT

**Description:** Total amount of state Veterans' education benefits received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.02	Positive values, see statistics below
0	99.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
253.00	5216.00	2035.33	1390.39

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Grants

**Label:** Total federal grants (excludes Veterans'/DOD)

**Name:** TFEDGRT

**Description:** Total amount of federal grants received during the 2015-16 academic year excluding Veterans'/DOD.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.02	Positive values, see statistics below
0	98.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
260.00	42476.00	8237.73	9943.82

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Teach grants (TEACHGRT) and several small federal programs received during the 2015-16 academic year (OTHFDGRT). Does not include federal Veterans' benefits or military aid (VADODAMT).

**Code:** TFEDGRT=SUM(OF TEACHGRT OTHFDGRT);

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institutional tuition waivers for staff

**Name:** EMPLWAIV

**Description:** Total amount of tuition waivers for staff and families of staff at the institution attended during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.97	Positive values, see statistics below
0	99.03	{Zero}

Minimum	Maximum	Average	Standard Deviation
210.00	40097.00	6624.98	7444.37

Weight used in frequency: (WTA000)

**Notes:** This variable measures tuition waivers provided to students who are faculty or staff or the family of faculty or staff of a postsecondary institution (usually the NPSAS institution). This aid type is classified as institutional grants (INGRTAMT) but also included as part of total employer aid (EMPLYAMT). EMPLYAMT includes EMPLWAIV and other non-faculty and staff tuition waivers from either the students' or their parents' employer (EMPLYAM3).

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Graduate assistantship: included health insurance

**Name:** GAINSUR

**Description:** The student received health insurance as part of his or her graduate assistantship.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

1	3.86	Yes, received health insurance
2	1.69	No, because did not want it or need it
3	2.19	No, because it was not offered
-3	92.26	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "As part of your assistantship(s), did you receive health insurance?" [N16CHINS]

**Applies to:** Graduate respondents who had some kind of graduate assistantship (GRASTAMT>0).

**Subject:** Financial aid: Institutional

**Label:** Graduate school job: hours worked per week

**Name:** GRJOBHR

**Description:** Hours worked per week in a graduate school job during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	8.00	Positive values, see statistics below
0	92.00	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	98.00	22.65	12.14

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "During the 2015-16 school year, how many hours, on average, did you work per week in your [assistantship or traineeship]?" [N16CGRHRS]. Graduate school jobs in NPSAS:16 include assistantships and traineeships. The NPSAS:16 student interview did not include graduate fellowships as graduate school jobs, which differs from past NPSAS studies.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Institutional

**Label:** Graduate school job: proportion of weeks worked

**Name:** GRJOBWK

**Description:** Proportion of weeks worked in a graduate school job during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	5.62	All
2	1.48	Most
3	0.60	Half
4	0.31	Less than half
-3	92.00	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In the 2015-2016 school year, did you work in your [assistantship or traineeship] during all, most, half, or less than half of the weeks you attended NPSAS?" [N16CGRWEEK]. Graduate school jobs in NPSAS:16 include assistantships and traineeships. The NPSAS:16 student interview did not include graduate fellowships as graduate school jobs, which differs from past NPSAS studies.

**Applies to:** Graduate respondents who had a graduate assistantship or graduate traineeship.

**Subject:** Financial aid: Institutional

**Label:** Institutional grants total

**Name:** INGR TAMT

**Description:** Total amount of all institutional grants received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	25.66	Positive values, see statistics below
0	74.34	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9990.88	12372.71

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of graduate fellowships (GRINFEL), institutional tuition waivers (INSWAIV), Institutional military/armed forces grants (INSMILAMT), and institutional Veterans' education benefits (INSVETAMT). This variable does not include state grants for California public institutions that are funded by state dollars and allocated by the institutions (e.g., California State University Grants). These were classified as state grants (STGTAMT) in NPSAS:16, which differs from prior NPSAS studies.

**Code:** INGR TAMT=SUM(OF GRINFEL INSWAIV INSMILAMT INSVETAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institutional loans

**Name:** INLNAMT

**Description:** Total amount of all institutional loans (funded by the educational institution) received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.78	Positive values, see statistics below
0	99.22	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	48060.00	10107.89	11948.25

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institution military/armed forces grants

**Name:** INSMILAMT

**Description:** Total amount of institution military/armed forces grants received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.25	Positive values, see statistics below
0	99.75	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	7875.00	2171.18	1389.51

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institutional aid total

**Name:** INSTAMT

**Description:** Total amount of institutional aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	29.96	Positive values, see statistics below
0	70.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	120790.00	12326.67	14460.62

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of institutional grants and fellowships (INGRTAMT), institutional loans (INLNAMT), institution-sponsored work-study (INSTWRK), and graduate student assistantships (GRASTAMT). This variable does not include state grants for California public institutions that are funded by state dollars and allocated by the institutions (e.g., California State University Grants). These were classified as state aid (STATEAMT) in NPSAS:16, which differs from prior NPSAS studies.

**Code:** INSTAMT=SUM(OF INGRTAMT GRASTAMT INLNAMT INSTWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Ratio of institutional grants to total aid

**Name:** INSTGPCT

**Description:** Ratio of total institutional grants to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	25.58	Positive values, see statistics below
0	46.02	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	49.85	38.35

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of institutional grants (INGRTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN INSTGPCT=ROUND((INGRTAMT/TOTAID)\*100);

IF TOTAID LE 0 THEN INSTGPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Institutional

**Label:** Ratio of institution aid to total aid

**Name:** INSTPCT

**Description:** Ratio of total institutional aid to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	29.87	Positive values, see statistics below
0	41.73	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	59.57	39.34

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all institutional aid (INSTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN INSTPCT=ROUND((INSTAMT/TOTAID)\*100);

IF TOTAID LE 0 THEN INSTPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Institutional

**Label:** Institutional work-study

**Name:** INSTWRK

**Description:** Total amount of all institutionally sponsored work-study received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.31	Positive values, see statistics below
0	99.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
168.00	11049.00	3902.37	2174.73

Weight used in frequency: (WTA000)

**Notes:** Includes work-study or campus employment funded by the institution and awarded as financial aid. Note that some values may represent the awarded amount and not the amount earned by students via their workstudy placement.

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institutional Veterans' education benefits

**Name:** INSVETAMT

**Description:** Total amount of institutional Veterans' education benefits received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.13	Positive values, see statistics below
0	99.87	{Zero}



Minimum	Maximum	Average	Standard Deviation
420.00	18000.00	3237.92	3558.67

Weight used in frequency: (WTA000)

**Notes:** This variable includes, but is not exclusive to, the institutional portion of Yellow Ribbon program benefits.

**Applies to:** All respondents.

**Subject:** Financial aid: Institutional

**Label:** Institutional tuition & fee waivers

**Name:** INSWAIV

**Description:** Total amount of institutional tuition waivers received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	7.27	Positive values, see statistics below
0	92.73	{Zero}

Minimum	Maximum	Average	Standard Deviation
19.00	70501.00	9308.36	9311.20

Weight used in frequency: (WTA000)

**Notes:** Includes tuition waivers for faculty and staff and other tuition discounts.

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Cumulative amount borrowed for undergrad

**Name:** BORAMT1

**Description:** Includes all loans ever borrowed for undergraduate education in 2015-16 and prior years. Excludes Parent PLUS loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	56.22	Positive values, see statistics below
0	43.78	{Zero}

Minimum	Maximum	Average	Standard Deviation
8.00	208042.00	26280.71	19348.71

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of cumulative federal amount borrowed for undergraduate education (FEDCUM1) and cumulative non-federal (private) amount borrowed for undergraduate education (NFEDCUM1). Besides federal loans, undergraduates may also borrow from other sources such as banks, credit unions, states, and institutions (see NFEDCUM1). The NPSAS:16 interview asked respondents to report the cumulative amount of private loans borrowed for their undergraduate education, which differs from prior NPSAS studies. To minimize double-counting and inconsistencies between different data sources, responses to non-federal loan items from the interview were compared to the cumulative federal amount borrowed for undergraduate education (FEDCUM1) derived from administrative NSLDS data as well as self-reported cumulative total amount of undergraduate loans borrowed (of any type) from the interview. To analyze the total amount still owed on these undergraduate loans, see OWEAMT1, which is the amount of principal balance outstanding, or TOTDUE1, which is the amount outstanding including both principal and interest.

**Code:** BORAMT1 = FEDCUM1 + NFEDCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Cumulative loan type for undergrad

**Name:** CUMLNTP1

**Description:** Source of the student's loans during undergraduate education.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	45.46	Federal only
2	1.90	Non-federal only
3	8.86	Federal and non-federal
4	43.78	No loans ever

Weight used in frequency: (WTA000)

**Notes:** Indicates whether the student borrowed from federal sources, non-federal sources, both federal and non-federal or never borrowed. It represents the cumulative loan activity for all undergraduate-level education through June 30, 2016, excluding Parent PLUS Loans (PLUSCUM), which are only available to the parents of dependent undergraduates.

**Code:** IF FEDCUM1 > 0 AND NFEDCUM1 = 0 THEN CUMLNTP1 = 1;

IF FEDCUM1 = 0 AND NFEDCUM1 > 0 THEN CUMLNTP1 = 2;

IF FEDCUM1 > 0 AND NFEDCUM1 > 0 THEN CUMLNTP1 = 3;

IF FEDCUM1 = 0 AND NFEDCUM1 = 0 THEN CUMLNTP1 = 4;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Direct PLUS Loans to graduate students

**Name:** GPLUSAMT

**Description:** Total amount of Direct PLUS loans to graduate students received at all institutions attended during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.02	Positive values, see statistics below
0	89.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
88.00	100111.00	22316.16	16191.36

Weight used in frequency: (WTA000)

**Notes:** Direct PLUS loans to graduate students are available to graduate and doctor's degree-professional practice students, in addition to any Federal Direct Loans for which students are eligible. Direct PLUS loans to graduate students are not based on need and may be used to cover the federal Expected Family Contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to graduate students, the loan may not exceed the student budget minus any other financial aid already received. Direct PLUS loans to graduate students are only available to students who can meet certain credit-worthiness criteria; if they cannot do so, the student will need a cosigner for the loan.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Loans

**Label:** Institutional loans

**Name:** INLNAMT

**Description:** Total amount of all institutional loans (funded by the educational institution) received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.78	Positive values, see statistics below
0	99.22	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	48060.00	10107.89	11948.25

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Expect help with repaying student loans

**Name:** LNREPAY

**Description:** The student expects help with repaying their student loans, from an individual other than their spouse.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	53.36	No
1	7.82	Yes
-3	38.83	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you expect that anyone other than your spouse, such as your parents or other family members or friends, will help you repay your student loans?" [N16CREPAY]

**Applies to:** Respondents who owe money on their student loans.

**Subject:** Financial aid: Loans

**Label:** Ratio of loans to total aid

**Name:** LOANPCT

**Description:** Ratio of total loans to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	44.15	Positive values, see statistics below
0	27.44	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	87.95	20.59

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all loans (TOTLOAN) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN LOANPCT=ROUND((TOTLOAN/TOTAID)\*100);

IF TOTAID LE 0 THEN LOANPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Loans

**Label:** Cumulative non-federal loan amount for undergrad

**Name:** NFEDCUM1

**Description:** Cumulative non-federal/private loan amount borrowed for undergraduate education through June 30, 2016.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.76	Positive values, see statistics below
0	89.24	{Zero}

Minimum	Maximum	Average	Standard Deviation
135.00	150000.00	21474.83	21944.43

Weight used in frequency: (WTA000)

**Notes:** This variable was first based on the student interview question: "Of the \$[Total amount] you borrowed for your undergraduate education, how much was in private loans?" [N16CUGPRVT]. To minimize double-counting and inconsistencies between different data sources, responses to this item were compared to the cumulative federal amount borrowed for undergraduate education (FEDCUM1) derived from administrative NSLDS data as well as self-reported cumulative total amount of undergraduate loans borrowed (of any type) from the interview. Non-federal or private loans include loans borrowed from sources such as banks, states, or institutions.

**Code:** NFEDCUM1=BORAMT1-FEDCUM1;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Amount still owed on all undergraduate loans

**Name:** OWEAMT1

**Description:** Indicates total amount owed (principal only) on all loans for undergraduate education as of 2016. Does not include Parent PLUS Loans.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	43.32	Positive values, see statistics below
0	56.68	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	229072.00	27781.15	22308.63

Weight used in frequency: (WTA000)

**Notes:** This variable is based on National Student Loan Data System (NSLDS) cumulative federal loan amount outstanding (FEDOWE1) plus the cumulative amount of non-federal (private) loans from undergraduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount owed on federal loans (FEDOWE1) to the total amount of federal loans borrowed (FEDCUM1) and assumes the respondent had an equal repayment rate for federal and non-federal loans. The outstanding amounts of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) reported in NSLDS includes the cumulative capitalized interest owed, so that the amount owed may be greater than the original amount borrowed. See TOTDUE1 for a similar variable that includes interest owed. To analyze the cumulative amount of loans borrowed for undergraduate education, see BORAMT1.

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Perkins loan

**Name:** PERKAMT

**Description:** Total amount of federal Perkins loans received at all institutions attended during the 2015-16 academic year.

Source: NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.49	Positive values, see statistics below
0	98.51	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	8000.00	4769.05	2527.54

Weight used in frequency: (WTA000)

**Notes:** The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. The total annual Perkins loan amount for graduate students cannot exceed \$8,000. NOTE: The federal Perkins loan program expired on September 30, 2015 but was reinstated in December of 2015. Amounts for this variable may not be comparable to prior NPSAS studies.

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Private (alternative) loans

**Name:** PRIVLOAN

**Description:** Total amount of private or alternative loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.15	Positive values, see statistics below
0	94.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	85000.00	12430.89	13068.70

Weight used in frequency: (WTA000)

**Notes:** These are education loans from commercial lenders that carry market interest rates based on credit scores. Reported private loan amounts were edited so that the private loan amount did not exceed the price of attendance (BUDGETAJ).

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Package of private and non-private loans

**Name:** PRIVPACK

**Description:** Loan package by whether the loan received was private (alternative) or not in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	55.85	No loans received
1	3.37	Private loans only
2	39.01	Non-private loans only
3	1.77	Both non-private and private loans

Weight used in frequency: (WTA000)

**Notes:** For students with any loan (TOTLOAN > 0), indicates whether a borrower had only private or alternative loans (PRIVLOAN), only non-private loans consisting of Federal loans (TFEDLN), state loans (STLNAMT), or institutional loans (INLNAMT), or both private and non-private loans. Private or alternative loans are from commercial lenders and are not guaranteed by any governmental entity. They carry market interest rates based on credit scores.

**Code:** IF TOTLOAN=0 THEN PRIVPACK=0;  
ELSE IF TOTLOAN > 0 THEN DO;  
IF PRIVLOAN > 0 AND SUM(TFEDLN, STLNAMT, INLNAMT)=0 THEN PRIVPACK=1;  
ELSE IF PRIVLOAN=0 AND SUM(TFEDLN, STLNAMT, INLNAMT) > 0 THEN PRIVPACK=2;  
ELSE IF PRIVLOAN > 0 AND SUM(TFEDLN, STLNAMT, INLNAMT) > 0 THEN PRIVPACK=3;  
END;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Ratio of private loans to total aid

**Name:** PRIVPCT

**Description:** Ratio of private loans to total aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.12	Positive values, see statistics below
0	66.48	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	66.24	36.44

Weight used in frequency: (WTA000)

**Notes:** Equal to private loans (PRIVLOAN) divided by the total aid (TOTAID). For students who did not receive a private loan but did receive student aid, this variable was set to zero.

**Code:** IF TOTAID > 0 THEN PRIVPCT=ROUND((PRIVLOAN/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Loans

**Label:** Direct Subsidized and Unsubsidized Loans

**Name:** STAFFAMT

**Description:** Total amount of Federal Direct Loans (also known as Stafford Loans) received at all institutions attended during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	39.95	Positive values, see statistics below
0	60.05	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	67667.00	18157.02	10056.59

Weight used in frequency: (WTA000)

**Notes:** Equal to Federal Direct Unsubsidized Loans (STAFUNSB). See STAFUNSB for additional information. As of July 2012, graduate students were no longer eligible for Stafford Subsidized loans.

**Code:** STAFFAMT=STAFUNSB;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Direct Unsubsidized Loans

**Name:** STAFUNSB

**Description:** Total amount of Federal Direct Unsubsidized Loans (also known as unsubsidized Stafford loans) received during the 2015-16 academic year.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	39.95	Positive values, see statistics below
0	60.05	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	67667.00	18157.02	10056.59

Weight used in frequency: (WTA000)

**Notes:** These are not awarded on the basis of need. Students who qualify for an unsubsidized loan are charged interest from the time the loan is disbursed until it is paid in full. Students can choose to pay the interest or allow it to accumulate. If the student allows the interest to accumulate, then the interest will be capitalized (i.e., added to the principal amount of the loan), usually when the student enters repayment on the loan. Federal Direct Unsubsidized annual loan limits apply to all students and increase by academic level. In 2015-16, the limit was \$12,500 for undergraduates and \$20,500 for graduate and professional students (with higher limits for graduate and professional students in certain health fields). However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** State loans

**Name:** STLNAMT

**Description:** Total amount of state loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.10	Positive values, see statistics below
0	99.90	{Zero}

Minimum	Maximum	Average	Standard Deviation
1000.00	40000.00	16945.40	12880.54

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Title IV loans

**Name:** T4LNAMT1

**Description:** Total amount of federal Title IV loans received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	40.45	Positive values, see statistics below
0	59.55	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23633.59	18763.79

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Perkins loans (PERKAMT), Federal Direct Loans (STAFFAMT), and Graduate PLUS Loans (GPLUSAMT). For all federal loan programs see TFEDLN. Federal Direct loans have annual limits that apply to all students and increase by academic level. However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. NOTE: The federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

**Code:** T4LNAMT1 = STAFFAMT + PERKAMT + GPLUSAMT;

**Applies to:** All respondents.

**Subject:** Financial aid: Loans

**Label:** Total federal loans

**Name:** TFEDLN

**Description:** Total amount of all federal loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.45	Positive values, see statistics below
0	59.55	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23686.70	18880.29

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Perkins loans (PERKAMT), Federal Direct Loans (STAFFAMT), Graduate PLUS Loans (GPLUSAMT), and federal health professions loans. Frequencies for health professions loans are too low to provide separately. Federal Direct loans have annual limits that apply to all students and increase by academic level. However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Applies to:** All respondents.

**Subject:** Financial aid: Need

**Label:** Aid amount exceeding federal need

**Name:** AIDSNEED

**Description:** The amount of financial aid exceeding federal need.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, IPEDS:15, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	16.49	Positive values, see statistics below
0	41.18	{Zero}



-3	42.33	{Skipped}
----	-------	-----------

Minimum	Maximum	Average	Standard Deviation
5.00	64601.00	7964.90	8497.53

Weight used in frequency: (WTA000)

**Notes:** For students who have federal need (SNEED1>0) and receive any type of financial aid (TOTAID>0), this variable indicates the amount of aid (including non-need-based aid, such as unsubsidized loans) that is greater than the student's federal need. Federal Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans), and Graduate PLUS Loans may be awarded to students although they do not demonstrate need according to the federal need criteria. See SNEED1 for additional information.

**Code:** IF SNEED1>0 AND TOTAID>0 THEN DO;

AIDSNEED=TOTAID-SNEED1;

IF AIDSNEED<0 THEN AIDSNEED=0;

IF 0 END;

ELSE AIDSNEED=-3;

**Applies to:** Respondents who had federal need (SNEED1>0) and received any type of financial aid (TOTAID>0).

**Subject:** Financial aid: Need

**Label:** Student budget (attendance adjusted)

**Name:** BUDGETAJ

**Description:** Price of attendance or total student budget (attendance adjusted) at NPSAS institution during 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.49	Positive values, see statistics below
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
785.00	147388.00	28898.12	21557.80

Weight used in frequency: (WTA000)

**Notes:** For students who attended one institution in the NPSAS year (STUDMULT=1) only. Equal to the sum of tuition and fees (TUITION2), plus total non-tuition expenses (BUDNONAJ). See BUDNONAJ for detail. If BUDGETAJ is less than the total aid amount (TOTAID) minus private loans (PRIVLOAN) and total Veterans' education benefits (VETTOT), then BUDGETAJ is adjusted to match total aid amount (TOTAID) minus private loans (PRIVLOAN) minus total Veterans' education benefits (VETTOT). Effective July 1, 2009, Veterans' education benefits were no longer considered expected financial assistance to students for the purposes of awarding federal financial aid.

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Expected Family Contribution

**Name:** EFC

**Description:** Composite estimate of the federal Expected Family Contribution (EFC) used in need analysis.

**Source:** NSLDS:16, FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	63.38	Positive values, see statistics below
0	36.62	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	1000000.00	15474.23	31361.15

Weight used in frequency: (WTA000)

**Notes:** First based on the primary EFC from the 2015-16 Free Application for Federal Student Aid (FAFSA). If not available, EFC was imputed using the 2015-16 simplified EFC formulas for independent students without dependents (besides spouse) or independent students with dependents (besides spouse). EFC is very often imputed for students who received no Title IV federal financial aid (TITIVAMT = 0) and should be used with caution in these cases. The simplified EFC formulas provide reasonable estimates of what EFC would have been had respondents filed a FAFSA; however, spouse and student assets are not included in the calculations, and income estimates are often imputed based on self-reported categorical ranges. Even with precise component variable estimates, differences in the timing of the sources (any time during the NPSAS year) and the potential use of professional judgment by financial aid officers to change aspects of the EFC make it difficult to determine a single definitive EFC value valid for the entire NPSAS year. NOTE: Beginning with the 2014–15 academic year, the FAFSA EFC field included six digits rather than five, eliminating the need for financial aid administrators to hand calculate the EFC when it was very high. Prior to 2014-15, these values would have appeared as \$99,999 in the CPS data and were subsequently rounded to \$100,000 in prior NPSAS derived versions of EFC. Maximum values of EFC in NPSAS:16 may now appear larger than prior NPSAS studies as a result of this data change.

**Applies to:** All respondents.

**Subject:** Financial aid: Need

**Label:** Aid subject to federal EFC limitation

**Name:** EFCAID

**Description:** The total amount of financial aid in the 2015-16 academic year that is subject to federal EFC limitations.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.17	Positive values, see statistics below
0	58.83	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9462.34	11895.67

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal need-based aid (CAMPAMT) and any other grant aid from state, institutional, or other sources (TNFEDGRT). Effective July 1, 2009, Veterans' education benefits were no longer considered expected financial assistance to students for the purposes of awarding federal financial aid. Generally, if a student received any federal need-based aid (CAMPAMT>0), then the total amount of EFCAID should not exceed the student's financial need (SNEED1). Due to differences in the timing of student records, the FAFSA, and NSLDS, some students' financial situations and aid may be inconsistent with this relationship. Other types of non-need-based aid such as Direct Unsubsidized Loans (STAFUNSB), Graduate PLUS Loans (GPLUSAMT), other non-need based loans, and non-federal work-study are not restricted by this formula and can be used to cover the EFC. See SNEED1 for additional information on student need.

**Code:** EFCAID=SUM(OF CAMPAMT TNFEDGRT);

Related formulas:

CAMPAMT=SUM(OF PERKAMT TFEDWRK);

TNFEDGRT=SUM(OF STGTAMT INGTAMT OTHGTAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Need

**Label:** Grant amount exceeding federal need

**Name:** GRTSNEED

**Description:** For students who received grants, this is the total grant amount minus financial need.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, FAFSA:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	9.63	Positive values, see statistics below
0	28.89	{Zero}
-3	61.48	{Skipped}

Minimum	Maximum	Average	Standard Deviation
10.00	64601.00	5330.23	6117.23

Weight used in frequency: (WTA000)

**Notes:** This variable is the same as total grant if budget is less than EFC. Negative values (need greater than grant amount) were set to zero.

**Code:** IF BUDGETAJ>0 AND TOTGRT>0 THEN DO;

BUDGET=BUDGETAJ-EFC;

IF BUDGET<0 THEN BUDGET=0;

GRTSNEED=TOTGRT-BUDGET;

IF GRTSNEED<0 THEN GRTSNEED=0;

IF 0 END;

ELSE GRTSNEED=-3;

**Applies to:** Respondents who attended one institution (STUDMULT=1) and received grant aid (TOTGRT>0).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC

**Name:** SNEED1

**Description:** The student's total need for need-based financial aid. Equal to the total student budget (BUDGETAJ) minus the federal expected family contribution (EFC).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	76.68	Positive values, see statistics below
0	18.81	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
5.00	147388.00	28345.34	22102.29

Weight used in frequency: (WTA000)

**Notes:** The fundamental rule in federal student aid packaging is that total aid must not exceed the student's need. If SNEED1 is zero or negative, the student is not eligible for any need-based federal aid (FEDNEED). However, the student may still be eligible for federal non-need-based aid (primarily Direct Unsubsidized Loans, Graduate PLUS Loans, and Parent PLUS Loans). Notes on all need variables: For students who did not apply for federal financial aid (FEDAPP=0), both the student budget and the EFC were imputed and should be used with caution. Similarly, budgets for students attending less than full time were estimated by adjusting for attendance intensity (see BUDNONAJ for more information about the student budget). Students who attended more than one institution (STUDMULT>1) were skipped, because expenses at the institution other than the one sampled for NPSAS are not known. Negative values (indicating no need) were set to zero. Notes on NEED and NET PRICE: "Need" differs from "net price" (see NETCST1) in that the need variables always subtract the Expected Family Contribution (EFC) in the calculation. Net price calculations never subtract the EFC, but are simply the student budget (BUDGETAJ) or tuition (TUITION2) minus some specified combination of financial aid types or sources. Need may be negative if the student does not qualify for federal need-based aid or receives non-need-based aid (like Direct Unsubsidized Loans).

**Code:** IF STUDMULT=1 THEN SNEED1=BUDGETAJ-EFC;

Related formulas:

SNEED2=BUDGETAJ-EFC-TOTAID;

SNEED3=BUDGETAJ-EFC-TFEDGRT;

SNEED4=BUDGETAJ-EFC-EFCAID;

SNEED5=BUDGETAJ-EFC-TOTGRT;  
 SNEED7=BUDGETAJ-EFC-TFEDGRT-STGTAMT;  
 SNEED8=BUDGETAJ-EFC-TFEDGRT-STGTAMT-OTHGTAMT;  
 SNEED9=BUDGETAJ-EFC-TOTAID8;  
**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC minus total aid

**Name:** SNEED2

**Description:** The remaining need after all financial aid (need-based and non-need- based) received. Equal to the total student budget (BUDGETAJ) minus Expected Family Contribution (EFC) and total aid (TOTAID).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, VBA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	52.49	Positive values, see statistics below
0	43.00	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	105891.00	16888.74	16307.47

Weight used in frequency: (WTA000)

**Notes:** Students without need may still be eligible for federal Direct Unsubsidized Loans (STAFUNSB), Graduate PLUS Loans (GPLUSAMT), Veterans' benefits and Department of Defense aid (VADODAMT), employer tuition reimbursements (EMPLYAM3) and various other non-federal loans and grants (TNFEDAID). Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED2=BUDGETAJ-EFC-TOTAID;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC minus federal grants

**Name:** SNEED3

**Description:** The remaining need after all federal grants. Equal to the total student budget (BUDGETAJ) minus Expected Family Contribution (EFC), and minus federal grants (TFEDGRT).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	76.62	Positive values, see statistics below
0	18.87	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
5.00	147388.00	28278.25	22054.98

Weight used in frequency: (WTA000)

**Notes:** Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED3=BUDGETAJ-EFC-TFEDGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC and aid subject to EFC limitation

**Name:** SNEED4

**Description:** The remaining need after all aid subject to federal EFC limitations. Equal to the total student budget (BUDGETAJ) minus Expected Family Contribution (EFC), and minus aid subject to the federal EFC limitation (EFCAID).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	73.52	Positive values, see statistics below
0	21.97	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
3.00	126149.00	25109.40	19895.86

Weight used in frequency: (WTA000)

**Notes:** If the student receives any federal need-based aid (FEDNEED>0), SNEED4 is a measure of the federal need that was not met by federal need-based aid plus grants from any other sources. Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED4=BUDGETAJ-EFC-EFCAID;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC minus all grants

**Name:** SNEED5

**Description:** The remaining need after all grant aid. Equal to the total student budget (BUDGETAJ) minus Expected Family Contribution (EFC), and minus total grants (TOTGRT).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	73.48	Positive values, see statistics below
0	22.01	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
3.00	126149.00	25207.80	20050.08

Weight used in frequency: (WTA000)

**Notes:** In addition to need-based grants (NEEDAID), total grants include merit-based scholarships (MERITAID), employer tuition waivers and reimbursements (EMPLYAMT), and many private scholarships grants from private sources (PRIVAID) that are non-need-based. Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED5=BUDGETAJ-EFC-TOTGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC, federal and state grants

**Name:** SNEED7

**Description:** The remaining need after federal and state grant aid. Equal to the total student budget (BUDGETAJ) minus expected family contribution (EFC), and minus federal (TFEDGRT) and state (STGTAMT) grants.

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	76.60	Positive values, see statistics below
0	18.89	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
5.00	147388.00	28180.50	22040.91

Weight used in frequency: (WTA000)

**Notes:** Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED7=BUDGETAJ-EFC-TFEDGRT-STGTAMT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC & federal, state, and other grants

**Name:** SNEED8

**Description:** The remaining need after all federal, state, and other grants. Equal to the total student budget (BUDGETAJ) minus the Expected Family Contribution (EFC), minus federal (TFEDGRT), state (STGTAMT), and outside (OTHGTAMT) grants.

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	75.08	Positive values, see statistics below
0	20.41	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
5.00	146042.00	27752.77	21934.66

Weight used in frequency: (WTA000)

**Notes:** Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED8=(BUDGETAJ-EFC-TFEDGRT-STGTAMT-OTHGTAMT);

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Need

**Label:** Student budget minus EFC & all aid except private loans

**Name:** SNEED9

**Description:** Equal to the total student budget (BUDGETAJ) minus expected family contribution (EFC), and minus all financial aid received except private loans (TOTALD8).

**Source:** NPSAS:16 Student Records, NSLDS:16, IPEDS:16, FAFSA:16, NPSAS:16 Interview, VBA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	53.98	Positive values, see statistics below
0	41.51	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	105891.00	17321.89	16564.83

Weight used in frequency: (WTA000)

**Notes:** Negative values (indicating no need) were set to zero. See SNEED1 for additional information.

**Code:** IF STUDMULT=1 THEN SNEED9=BUDGETAJ-EFC-TOTAID8;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Net price after grants as percent of income

**Name:** EFFORT3

**Description:** Net price after grants (NETCST3) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, FAFSA:16, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	93.19	Positive values, see statistics below
0	2.29	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	60.78	38.62

Weight used in frequency: (WTA000)

**Notes:** Respondents with no income (CINCOME=0) and respondents with net price more than 100 percent of their income were set to 100.

**Code:** IF NETCST3=-3 THEN EFFORT3=-3;

ELSE IF CINCOME=0 THEN EFFORT3=100;

ELSE IF CINCOME>0 THEN EFFORT3=ROUND((NETCST3/CINCOME)\*100);

IF EFFORT3>100 THEN EFFORT3=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Financial aid: Net price

**Label:** Net tuition after all grants as percent of income

**Name:** EFFORT9

**Description:** Net tuition after all grants (NETCST9) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, FAFSA:16, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	84.80	Positive values, see statistics below
0	10.69	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	46.39	41.14

Weight used in frequency: (WTA000)

**Notes:** Respondents with no income (CINCOME = 0) and respondents with net tuition more than 100 percent of income were set to 100.

**Code:** IF NETCST9=-3 THEN EFFORT9=-3;

ELSE IF CINCOME=0 THEN EFFORT9=100;

ELSE IF CINCOME>0 THEN EFFORT9=ROUND((NETCST9/CINCOME)\*100);  
 IF EFFORT9>100 THEN EFFORT9=100;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus all aid

**Name:** NETCST1

**Description:** Represents the estimated "out-of-pocket" expense to students remaining after all financial aid received for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16, NPSAS:16 Interview, FAFSA:16, VBA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	76.29	Positive values, see statistics below
0	19.20	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	111907.00	16601.72	15633.87

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus total aid (TOTALD). Students who attended more than one institution (STUDMULT>1) were skipped.

Notes on NET PRICE variables: There are many alternative definitions of "price" and "net price" of education to students. In NPSAS, the total "price of attendance" refers to the entire student budget (BUDGETAJ), which includes room and board, books, and other living expenses in addition to tuition. Many of the "net price" variables are calculated as the student budget minus some specified combination of financial aid types or sources (NETCST1-NETCST3).

"Need" differs from "net price" in that it represents the remaining price of attendance less financial aid and the Expected Family Contribution (EFC). Net price variables never include the EFC in the calculation. See BUDNONAJ for additional information on student budgets. See SNEED1 for additional information on student need.

NET PRICE variables:

[NETCST1] Student budget minus all aid

[NETCST2] Student budget minus federal grants

[NETCST3] Student budget minus all grants

[NETCST16] Student budget minus federal and state grants

[NETCST17] Student budget minus all grants and loans

[NETCST41] Student budget minus all aid except private loans.

[NETCST43] Student budget minus all aid except loans

Notes on NET TUITION variables: Sometimes "price" is used to refer to tuition and fees only (TUITION2), and "net price" is calculated as tuition and fees minus some combination of grant aid. In this case a better term is "net tuition."

The variables NETCST9-NETCST15 and NETCST44 show net tuition, that is, tuition and fees (TUITION2) minus grants. Since grants may cover living expenses as well as tuition, net tuition amounts may be negative; these were set to zero.

NET TUITION variables:

[NETCST9] Tuition and fees minus all grants

[NETCST10] Tuition and fees minus federal grants

[NETCST12] Tuition and fees minus state grants

[NETCST13] Tuition and fees minus institutional grants

[NETCST14] Tuition and fees minus all non-federal grants

[NETCST15] Tuition and fees minus state and institutional grants

[NETCST44] Tuition and fees minus all graduate assistantships and institutional grants

**Code:** IF STUDMULT=1 THEN NETCST1=BUDGETAJ-TOTALD;

Related formulas:

NETCST2=BUDGETAJ-TFEDGRT;

NETCST3=BUDGETAJ-TOTGRT;

NETCST9=TUITION2-TOTGRT;

NETCST10=TUITION2-TFEDGRT;

NETCST12=TUITION2-STGTAMT;

NETCST13=TUITION2-INGRTAMT;



NETCST14=TUITION2-TNFEDGRT;  
NETCST15=TUITION2-STGTAMT-INGRTAMT;  
NETCST16=BUDGETAJ-TFEDGRT-STGTAMT;  
NETCST17=BUDGETAJ-TOTGRT-TOTLOAN;  
NETCST41=BUDGETAJ-TOTAID8;  
NETCST43=BUDGETAJ-TOTAID+TOTLOAN;  
NETCST44=TUITION2-GRASTAMT-INGRTAMT;  
**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus federal grants

**Name:** NETCST10

**Description:** Tuition and fees minus federal grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.27	Positive values, see statistics below
0	0.22	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
50.00	93450.00	14761.68	14556.73

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus federal grants (TFEDGRT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if TFEDGRT was greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST10=TUITION2-TFEDGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus state grants

**Name:** NETCST12

**Description:** Tuition and fees minus state grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.29	Positive values, see statistics below
0	0.20	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
25.00	93450.00	14736.18	14572.47

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus state grants (STGTAMT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if STGTAMT was greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST12=TUITION2-STGTAMT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus institutional grants

**Name:** NETCST13

**Description:** Tuition and fees minus institutional grants from the NPSAS institution for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	91.81	Positive values, see statistics below
0	3.68	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	93450.00	12906.39	13108.44

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus institutional grants (INGRTAMT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if INGRTAMT was greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST13=TUITION2-INGRTAMT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus all non-federal grants

**Name:** NETCST14

**Description:** Tuition and fees minus non-federal grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	86.11	Positive values, see statistics below
0	9.38	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	93450.00	12734.97	13125.01

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus all grants not funded by the federal government (TNFEDGRT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if TNFEDGRT was greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST14=TUITION2-TNFEDGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus state and institutional grants

**Name:** NETCST15

**Description:** Tuition and fees minus all state and institutional grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS, NSLDS, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	91.57	Positive values, see statistics below
0	3.92	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	93450.00	12856.23	13102.10

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus state grants (STGTAMT) and institutional grants (INGRTAMT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if the sum of INGRTAMT and STGTAMT is greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST15=TUITION2-INGRTAMT-STGTAMT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus federal and state grants

**Name:** NETCST16

**Description:** Total net price after all federal and state grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.46	Positive values, see statistics below
0	0.03	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
321.00	147388.00	28731.00	21507.15

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus federal grants (TFEDGRT) and state grants (STGTAMT). Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST16=BUDGETAJ-TFEDGRT-STGTAMT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus all grants and loans

**Name:** NETCST17

**Description:** Total net price after all grants and loans for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:15, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	80.17	Positive values, see statistics below
0	15.32	{Zero}

-3	4.51	{Skipped}
----	------	-----------

Minimum	Maximum	Average	Standard Deviation
1.00	111907.00	17557.28	15875.57

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus all grants (TOTGRT) and student loans (TOTLOAN). Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST17=BUDGETAJ-TOTGRT-TOTLOAN;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus federal grants

**Name:** NETCST2

**Description:** Total net price after all federal grants for 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16, NPSAS:16 Interview, FAFSA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.47	Positive values, see statistics below
0	0.02	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
785.00	147388.00	28818.53	21520.93

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus federal grants (TFEDGRT). Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST2=BUDGETAJ-TFEDGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus all grants

**Name:** NETCST3

**Description:** Total net price after all grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	93.27	Positive values, see statistics below
0	2.22	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
6.00	126149.00	25591.77	19554.09

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus total grants (TOTGRT). Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST3=BUDGETAJ-TOTGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus all aid except private loans

**Name:** NETCST41

**Description:** Net total price after all financial aid except private loans for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, VBA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	78.14	Positive values, see statistics below
0	17.35	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	119546.00	16998.74	15975.41

Weight used in frequency: (WTA000)

**Notes:** Equal to total student budget minus all aid except private loan amounts (TOTALD8). Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST41=BUDGETAJ-TOTALD8;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Student budget minus all aid except loans

**Name:** NETCST43

**Description:** Total price of attendance minus all aid except loans in the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, IPEDS:16, VBA:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	91.27	Positive values, see statistics below
0	4.22	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
5.00	126149.00	24550.16	19585.54

Weight used in frequency: (WTA000)

**Notes:** Equal to the total student budget (BUDGETAJ) minus total aid (TOTALD) with the exception of loans to the respondent for the 2015-16 academic year (TOTLOAN). This represents the total net price of attendance the respondent was responsible to pay, including loans to be repaid at a future date. That is, this represents the total price of attendance less all grants, scholarships, and other aid the student will not be required to pay back themselves.

**Code:** IF STUDMULT=1 THEN NETCST43=BUDGETAJ-TOTALD+TOTLOAN;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus all graduate assistantships and institutional grants

**Name:** NETCST44

**Description:** Tuition and fees minus assistantships and institutional grants.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	88.53	Positive values, see statistics below
0	6.96	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	93450.00	12750.76	13153.67

Weight used in frequency: (WTA000)

**Notes:** Institutional grants include graduate fellowships (GRINFEL) and institutional tuition waivers (INSWAIV). Students whose combination of assistantships and institutional grants exceed their tuition and fees were set to zero.

**Code:** If STUDMULT=1 THEN NETCST44=TUITION2-GRASTAMT-INGRTAMT;

**Applies to:** Graduate respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Net price

**Label:** Tuition and fees minus all grants

**Name:** NETCST9

**Description:** Tuition and fees minus all grants for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NPSAS:16 Interview, NSLDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	85.80	Positive values, see statistics below
0	9.69	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	93450.00	12721.24	13129.34

Weight used in frequency: (WTA000)

**Notes:** Equal to tuition and fees (TUITION2) minus total grants (TOTGRT). Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if TOTGRT was greater than TUITION2. Students who attended more than one institution (STUDMULT>1) were skipped. See NETCST1 for additional information.

**Code:** IF STUDMULT=1 THEN NETCST9=TUITION2-TOTGRT;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Other

**Label:** Department of Defense (military) aid

**Name:** DODAMT

**Description:** Total amount of federal military tuition grants and fee waivers (including ROTC) received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.26	Positive values, see statistics below
0	99.74	{Zero}

Minimum	Maximum	Average	Standard Deviation
750.00	85973.00	15902.21	22037.95

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Employer aid (student & parents)

**Name:** EMPLYAM3

**Description:** Total amount of aid received from the student's or the parents' employers during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	12.96	Positive values, see statistics below
0	87.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
90.00	80000.00	5760.69	7619.73

Weight used in frequency: (WTA000)

**Notes:** For students attending public institutions, amounts greater than \$40,000 were edited and set to \$40,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). For students attending private institutions, amounts greater than \$60,000 were edited and set to \$60,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). Amounts that were determined to be duplicates of institutional grants (INGRTAMT) or graduate assistantships (GRASTAMT) were edited and set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Employer aid (includes college staff)

**Name:** EMPLYAMT

**Description:** Total amount of aid received from employers during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	13.58	Positive values, see statistics below
0	86.42	{Zero}

Minimum	Maximum	Average	Standard Deviation
90.00	80000.00	5971.05	7752.02

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of tuition waivers for employees and dependents of employees at postsecondary institutions (EMPLWAIV) and employer-paid tuition reimbursements to students or the parents of students (EMPLYAM3). The former were classified as institutional grants (INGRTAMT) and the latter as outside grants (OTHGTAMT). Employer paid tuition reimbursements are often paid directly to the student, not through the financial aid office, and so may be underreported by the student records. As a result, student interview responses were used as the primary source for this variable.

**Code:** EMPLYAMT=SUM(OF EMPLWAIV EMPLYAM3);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Total assistantships amount

**Name:** GRASTAMT

**Description:** Total amount of all graduate student assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	7.74	Positive values, see statistics below
0	92.26	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	83433.00	13428.67	10849.51

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of research assistantships (GRRESAMT), teaching assistantships (GRTEAAMT), and any other type of graduate assistantship (GRGRDAMT). May include assistantships funded from outside sources.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Other

**Label:** Other graduate assistantship amount

**Name:** GRGRDAMT

**Description:** Total amount of graduate assistantships other than research or teaching assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.61	Positive values, see statistics below
0	97.39	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	42172.00	9233.17	7853.97

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with student interview responses.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Other

**Label:** Graduate research assistantship amount

**Name:** GRRESAMT

**Description:** Total amount of graduate research assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.18	Positive values, see statistics below
0	97.82	{Zero}



Minimum	Maximum	Average	Standard Deviation
14.00	80000.00	15861.46	12172.77

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with student interview responses.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Other

**Label:** Graduate teaching assistantship amount

**Name:** GRTEAAMT

**Description:** Total amount of graduate teaching assistantships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.62	Positive values, see statistics below
0	96.38	{Zero}

Minimum	Maximum	Average	Standard Deviation
14.00	72720.00	12506.28	9778.96

Weight used in frequency: (WTA000)

**Notes:** Primarily based on student records, and supplemented with responses from the student interview.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Other

**Label:** Outside grants (private & employer)

**Name:** OTHGTAMT

**Description:** Total amount of grants received during the 2015-16 academic year from outside private sources (PRIVAID) or employers (EMPLYAM3).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	17.68	Positive values, see statistics below
0	82.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
75.00	80003.00	6247.63	8811.40

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of outside private sources grants (PRIVAID) and employer aid (EMPLYAM3).

**Code:** OTHGTAMT=SUM(OF PRIVAID EMPLYAM3);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Outside sources total

**Name:** OTHRSCR

**Description:** Total amount of aid from outside sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	24.63	Positive values, see statistics below
0	75.37	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	133999.00	8966.00	11853.29

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of outside grants (OTHGTAMT), private commercial or alternative loans (PRIVLOAN), and federal Veterans' benefits and military tuition aid (VADODAMT).

**Code:** OTHRSCR=SUM(OF OTHGTAMT PRIVLOAN VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Total other type of aid (assistantships and VA)

**Name:** OTHTYPE

**Description:** Total amount of aid received during the 2015-16 academic year not classified by type as grants, loans to students, or work-study.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.54	Positive values, see statistics below
0	89.46	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	85973.00	14266.39	11933.35

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of total graduate assistantship amount (GRASTAMT) and federal Veterans' benefits and military tuition aid (VADODAMT).

**Code:** OTHTYPE=SUM(OF GRASTAMT VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Total other type of aid including work-study

**Name:** OTHTYPE2

**Description:** Total other type of aid including work study.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	12.53	Positive values, see statistics below
0	87.47	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	85973.00	12647.02	11713.24

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of institutional graduate teaching and research assistantships (GRASTAMT), federal Veterans' benefits and military tuition aid (VADODAMT), and all work-study awards (TOTWKST).

**Code:** OTHTYPE2=SUM(OTHTYPE,TOTWKST);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Private source grants

**Name:** PRIVAID

**Description:** Total amount of grants and scholarships from private outside sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.30	Positive values, see statistics below
0	94.70	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	75000.00	6751.76	10415.52

Weight used in frequency: (WTA000)

**Notes:** For students attending public institutions, amounts greater than \$40,000 were edited and set to \$40,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). For students attending private institutions, amounts greater than \$60,000 were edited and set to \$60,000, unless the amount was less than the budgeted cost of attendance (BUDGETAJ). Amounts that were determined to be duplicates of institutional grants (INGRTAMT) or employer aid (EMPLYAM3) were edited and set to zero.

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Total private sources grants and loans

**Name:** PRIVAMT

**Description:** Total private source grants and loans in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.20	Positive values, see statistics below
0	89.80	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	85000.00	9777.51	12384.85

Weight used in frequency: (WTA000)

**Notes:** Sum of grants from private sources (PRIVAID) and private (alternative) loans (PRIVLOAN).

**Code:** PRIVAMT=SUM(OF PRIVAID PRIVLOAN);

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Private (alternative) loans

**Name:** PRIVLOAN

**Description:** Total amount of private or alternative loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	5.15	Positive values, see statistics below
0	94.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	85000.00	12430.89	13068.70

Weight used in frequency: (WTA000)

**Notes:** These are education loans from commercial lenders that carry market interest rates based on credit scores. Reported private loan amounts were edited so that the private loan amount did not exceed the price of attendance (BUDGETAJ).

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Federal Veterans' benefits and Department of Defense

**Name:** VADODAMT

**Description:** Total amount of federal Veterans' benefits and Department of Defense grants (including ROTC) received during the 2015-16 academic year. This does not include state or institutional Veterans' benefits or military/armed forces grants.

**Source:** VBA:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.86	Positive values, see statistics below
0	97.14	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	85973.00	16248.73	14145.52

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of federal Veterans' education benefits received in 2015-16 (VETBEN) and Department of Defense military tuition grants (DODAMT). It is based on data from student records and the Veterans Benefits Administration (VBA). VBA data include payments made for tuition and fees, housing, books and supplies, work-study, and other education expenses. To compare Veterans' education benefits to prior NPSAS studies, use VADODAMT2. Prior NPSAS studies did not include VBA data and relied on student and institution-reported amounts for estimates of these benefits, some of which may have been excluded.

**Code:** VADODAMT = VETBEN + DODAMT;

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Federal Veterans' benefits (excluding housing) and DOD

**Name:** VADODAMT2

**Description:** Total amount of federal Veterans' benefits (excluding housing payments) and military tuition grants (including ROTC) received during the 2015-16 academic year.

**Source:** VBA:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.84	Positive values, see statistics below
0	97.16	{Zero}

Minimum	Maximum	Average	Standard Deviation
---------	---------	---------	--------------------

100.00	85973.00	11132.58	11051.85
--------	----------	----------	----------

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of federal Veterans' education benefits, excluding housing payments, received in 2015-16 (VETBEN2) and Department of Defense military tuition grants (DODAMT). It is based on data from student records and the Veterans Benefits Administration (VBA). VBA data include payments made for tuition and fees, housing, books and supplies, work-study, and other education expenses. This variable excludes the housing portion of Veterans' benefits received, and is most comparable to past NPSAS versions of the variable VADODAMT. In NPSAS:16, VADODAMT includes the total amount received by the student from the VBA, and includes housing benefits received. Prior NPSAS studies did not include VBA data and relied on student and institution-reported amounts for estimates of these benefits, some of which may have been excluded.

**Code:** VADODAMT2 = VETBEN2 + DODAMT

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Federal Veterans' education benefits

**Name:** VETBEN

**Description:** Total amount of federal Veterans' education benefits received during the 2015-16 academic year.

**Source:** VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.66	Positive values, see statistics below
0	97.34	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	82287.00	15864.35	12542.54

Weight used in frequency: (WTA000)

**Notes:** Based on data from the Veterans Benefits Administration (VBA). VBA data include payments made for tuition and fees, housing, books and supplies, work-study, and other education expenses. Prior NPSAS studies did not include VBA data and relied on student and institution-reported amounts for estimates of federal Veterans' education benefits, some of which may have been excluded. To compare Veterans' education benefits to past NPSAS studies, use VETBEN2. Not every federal Veterans' education benefits program is included in this variable. The Post-Vietnam Veterans' Educational Assistance Program, or VEAP (Chapter 32 benefits), and The Dependents' Education Assistance Program, or DEA (Chapter 35 benefits) are excluded. However, neither program constitutes a large number of recipients in comparison to the major federal Veterans' education benefits programs.

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Federal Veterans' education benefits (excluding housing)

**Name:** VETBEN2

**Description:** Total amount of federal Veterans' education benefits, excluding housing payments, received during the 2015-16 academic year.

**Source:** VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.65	Positive values, see statistics below
0	97.35	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	59275.00	10373.04	8417.21

Weight used in frequency: (WTA000)

**Notes:** Based on data from the Veterans Benefits Administration (VBA). VBA data include payments made for tuition and fees, housing, books and supplies, work-study, and other education expenses. This variable excludes the housing portion of benefits received, and is most comparable to past NPSAS versions of the variable VETBEN. Prior NPSAS studies did not include VBA data and relied on student and institution-reported amounts for estimates of federal Veterans benefits, some of which may have been excluded. In NPSAS:16, VETBEN includes the total amount received by the student from the VBA, and includes housing benefits received. Not all federal Veterans' education benefits program are included in this variable. The Post-Vietnam Veterans' Educational Assistance Program, or VEAP (Chapter 32 benefits), and The Dependents' Education Assistance Program, or DEA (Chapter 35 benefits) are excluded. However, neither program constitutes a large number of recipients in comparison to the major federal Veterans' education benefits programs.

**Applies to:** All respondents.

**Subject:** Financial aid: Other

**Label:** Type of recipient of federal Veterans' education benefits

**Name:** VETBENSRC

**Description:** Indicates whether the student received federal Veterans' education benefits as a military service member/Veteran, or the dependent of a military service member/Veteran.

**Source:** VBA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	2.35	Received as military service member or Veteran
2	0.31	Received as dependent of a military service member/Veteran
-3	97.34	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on data from the Veterans Benefits Administration (VBA). Some Veterans' education benefit programs allow the transfer of benefits to eligible dependents. It is also possible for Veterans to receive benefits as dependents of another military service member or Veteran.

**Applies to:** Respondents who received any federal Veterans' education benefits (VETBEN>0).

**Subject:** Financial aid: Package

**Label:** Aid package by source of aid

**Name:** AIDSRC

**Description:** Aid package by source of aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	23.06	Federal only
2	0.35	State only
3	12.32	Institution only
4	12.69	Outside only
5	0.84	Federal and state
6	9.74	Federal and institution
7	4.44	Federal and outside
8	0.24	State and institution
9	0.09	State and outside
10	4.17	Institution and outside

11	0.43	Federal, state, and institution
12	0.17	Federal, state, and outside
13	2.79	Federal, institution, and outside
14	0.12	State, institution, and outside
15	0.14	Federal, state, institution, and outside

Weight used in frequency: (WTA000)

**Notes:** For students with any aid (TOTALD>0), indicates combinations of federal aid (TFEDAID), state aid (STATEAMT), institutional aid (INSTAMT), and other sources of aid (OTHRSCR).

**Code:** IF TOTALD=0 THEN AIDSRC=0;

ELSE IF TOTALD > 0 THEN DO;

PACKTEMP=(TFEDAID > 0) + 2\*(STATEAMT > 0) + 4\*(INSTAMT > 0) + 8\*(OTHRSCR > 0);

IF PACKTEMP=1 THEN AIDSRC=1;

IF PACKTEMP=2 THEN AIDSRC=2;

IF PACKTEMP=3 THEN AIDSRC=5;

IF PACKTEMP=4 THEN AIDSRC=3;

IF PACKTEMP=5 THEN AIDSRC=6;

IF PACKTEMP=6 THEN AIDSRC=8;

IF PACKTEMP=7 THEN AIDSRC=11;

IF PACKTEMP=8 THEN AIDSRC=4;

IF PACKTEMP=9 THEN AIDSRC=7;

IF PACKTEMP=10 THEN AIDSRC=9;

IF PACKTEMP=11 THEN AIDSRC=12;

IF PACKTEMP=12 THEN AIDSRC=10;

IF PACKTEMP=13 THEN AIDSRC=13;

IF PACKTEMP=14 THEN AIDSRC=14;

IF PACKTEMP=15 THEN AIDSRC=15;

END;

**Applies to:** All respondents.

**Subject:** Financial aid: Package

**Label:** Graduate aid package by source of aid

**Name:** AIDSRCG

**Description:** Graduate aid package by source of aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	23.06	Federal only
2	12.32	Institutional only
3	7.01	Employer only
4	5.48	Other source only
5	9.74	Federal and institutional
6	2.10	Federal and employer
7	3.09	Federal and other
8	1.64	Institutional and employer
9	2.58	Institutional and other
10	0.64	Employer and other
11	0.82	Federal, institutional, and employer

12	0.26	Federal, employer, and other
13	2.39	Federal, institutional, and other
14	0.32	Institutional, employer, and other
15	0.15	Federal, institutional, employer, and other

Weight used in frequency: (WTA000)

**Notes:** For graduate students who received any aid (TOTAID>0), this variable indicates the combination of federal (TFEDAID), institutional (INSTAMT), employer (EMPLYAM3), and other sources of aid. Other aid in this variable includes state aid (STATEAMT), private loans (PRIVLOAN), and private source grants (PRIVLID). This variable is similar to AIDSRC, but categorizes student aid based on financial aid sources more commonly awarded to graduate students, rather than undergraduates.

**Code:** IF TOTAID=0 THEN AIDSRCG=0;

ELSE IF TOTAID>0 THEN DO;

OTHSCRG = STATEAMT + OTHSCR - EMLYAM3;

PACKTEMP = (TFEDAID>0) + 2\*(INSTAMT>0) + 4\*(EMPLYAM3>0)+8\*(OTHSCRG>0);

IF PACKTEMP=1 THEN AIDSRCG = 1;

IF PACKTEMP = 2 THEN AIDSRCG = 2;

IF PACKTEMP = 3 THEN AIDSRCG = 5;

IF PACKTEMP = 4 THEN AIDSRCG = 3;

IF PACKTEMP = 5 THEN AIDSRCG = 6;

IF PACKTEMP = 6 THEN AIDSRCG = 8;

IF PACKTEMP = 7 THEN AIDSRCG = 11;

IF PACKTEMP = 8 THEN AIDSRCG = 4;

IF PACKTEMP = 9 THEN AIDSRCG = 7;

IF PACKTEMP = 10 THEN AIDSRCG = 9;

IF PACKTEMP = 11 THEN AIDSRCG = 13;

IF PACKTEMP = 12 THEN AIDSRCG = 10;

IF PACKTEMP = 13 THEN AIDSRCG = 12;

IF PACKTEMP = 14 THEN AIDSRCG = 14;

IF PACKTEMP = 15 THEN AIDSRCG = 15;

END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Package

**Label:** Aid package by type of aid

**Name:** AIDTYPE

**Description:** Aid package by type of aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	19.43	Grants only
2	25.35	Loans only
3	0.23	Work-study only
4	3.63	Other only
5	14.29	Grants and loans
6	0.36	Grants and work-study
7	3.73	Grants and other
8	0.65	Loans and work-study
9	1.28	Loans and other
10	0.02	Work-study and other



11	0.74	Grants, loans, and work-study
12	1.65	Grants, loans, and other
13	0.05	Grants, work-study, and other
14	0.09	Loans, work-study, and other
15	0.10	Grants, loans, work-study, and other

Weight used in frequency: (WTA000)

**Notes:** For students with any aid (TOTAID>0), indicates combinations of grants (TOTGRT), loans (TOTLOAN), work-study (TOTWKST), and other types of aid (OTHTYPE).

**Code:** IF TOTAID=0 THEN AIDTYPE=0;

ELSE IF TOTAID GT 0 THEN DO;

PACKTEMP=(TOTGRT GT 0) + 2\*(TOTLOAN GT 0) + 4\*(TOTWKST GT 0) + 8\*(OTHTYPE GT 0);

IF PACKTEMP=1 THEN AIDTYPE=1;

IF PACKTEMP=2 THEN AIDTYPE=2;

IF PACKTEMP=3 THEN AIDTYPE=5;

IF PACKTEMP=4 THEN AIDTYPE=3;

IF PACKTEMP=5 THEN AIDTYPE=6;

IF PACKTEMP=6 THEN AIDTYPE=8;

IF PACKTEMP=7 THEN AIDTYPE=11;

IF PACKTEMP=8 THEN AIDTYPE=4;

IF PACKTEMP=9 THEN AIDTYPE=7;

IF PACKTEMP=10 THEN AIDTYPE=9;

IF PACKTEMP=11 THEN AIDTYPE=12;

IF PACKTEMP=12 THEN AIDTYPE=10;

IF PACKTEMP=13 THEN AIDTYPE=13;

IF PACKTEMP=14 THEN AIDTYPE=14;

IF PACKTEMP=15 THEN AIDTYPE=15;

END;

**Applies to:** All respondents.

**Subject:** Financial aid: Package

**Label:** Graduate aid package by type of aid

**Name:** AIDYPEG

**Description:** Graduate aid package by type of aid received in 2015-16

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	19.43	Grants only
2	25.35	Loans only
3	2.26	Assistantships only
4	1.58	Other only
5	14.29	Grants and loans
6	3.05	Grants and assistantships
7	1.05	Grants and other
8	0.88	Loans and assistantships
9	1.05	Loans and other
10	0.03	Assistantships and other
11	1.27	Grants, loans, and assistantships

12	1.10	Grants, loans, and other
13	0.04	Grants, assistantships, and other
14	0.09	Loans, assistantships, and other
15	0.12	Grants, loans, assistantships, and other

Weight used in frequency: (WTA000)

**Notes:** For graduate students who received any aid (TOTALID>0), this variable indicates the combination of grants (TOTGRT), loans (TOTLOAN), assistantships (GRASTAMT), and other types of aid received. Other types for this variable include work-study (TOTWKST) and Veterans' benefits and Department of Defense aid (VADODAMT). This variable is similar to AIDTYPE, but categorizes aid received into types more commonly awarded to graduate students, rather than undergraduates.

**Code:** IF TOTALID=0 THEN AIDTYPEG=0;  
ELSE IF TOTALID>0 THEN DO;  
OTHTYPEG = TOTWKST + VADODAMT;  
PACKTEMP = (TOTGRT>0) + 2\*(TOTLOAN>0) + 4\*(GRASTAMT>0) + 8 \* (OTHTYPEG>0);  
IF PACKTEMP=1 THEN AIDTYPEG = 1;  
IF PACKTEMP = 2 THEN AIDTYPEG = 2;  
IF PACKTEMP = 3 THEN AIDTYPEG = 5;  
IF PACKTEMP = 4 THEN AIDTYPEG = 3;  
IF PACKTEMP = 5 THEN AIDTYPEG = 6;  
IF PACKTEMP = 6 THEN AIDTYPEG = 8;  
IF PACKTEMP = 7 THEN AIDTYPEG = 11;  
IF PACKTEMP = 8 THEN AIDTYPEG = 4;  
IF PACKTEMP = 9 THEN AIDTYPEG = 7;  
IF PACKTEMP = 10 THEN AIDTYPEG = 9;  
IF PACKTEMP = 11 THEN AIDTYPEG = 13;  
IF PACKTEMP = 12 THEN AIDTYPEG = 10;  
IF PACKTEMP = 13 THEN AIDTYPEG = 12;  
IF PACKTEMP = 14 THEN AIDTYPEG = 14;  
IF PACKTEMP = 15 THEN AIDTYPEG = 15;  
END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Package

**Label:** Loan package by type of loan

**Name:** GLOANSR2

**Description:** Loan package by type of loan received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	55.85	No loan received
1	28.08	Direct Unsubsidized Loans only
2	3.37	Private loans only
3	8.46	Direct Unsubsidized & Graduate PLUS loans
4	1.25	Direct Unsubsidized & private loans
5	0.21	Direct Unsubsidized, Grad PLUS, & private loans
6	2.79	Other combinations

Weight used in frequency: (WTA000)

**Notes:** For graduate level students with any loans (TOTLOAN>0), indicates combinations of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) (STAFFAMT), Graduate PLUS loans (GPLUSAMT), and private (alternative) loans (PRIVLOAN). Direct Subsidized loans were discontinued for graduate students after 2011-12.

**Code:** IF TOTLOAN=0 THEN GLOANSR2=0;  
ELSE IF TOTLOAN GT 0 THEN  
DO;

PACKTEMP=(STAFFAMT GT 0) + 2\*(GPLUSAMT GT 0) + 4\*(PERKAMT GT 0 OR PHSLOAN GT 0) + 8\*(STLNAMT GT 0) + 16\*(INLNAMT GT 0) + 32\*(PRIVLOAN GT 0);  
 IF PACKTEMP=1 THEN GLOANSR2=1;  
 ELSE IF PACKTEMP=32 THEN GLOANSR2=2;  
 ELSE IF PACKTEMP=3 THEN GLOANSR2=3;  
 ELSE IF PACKTEMP=33 THEN GLOANSR2=4;  
 ELSE IF PACKTEMP=35 THEN GLOANSR2=5;  
 ELSE GLOANSR2=6;  
 END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Package

**Label:** Loan package by source of loan

**Name:** GLOANSRC

**Description:** Loan package by source of loan received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	55.85	No loan received
1	38.32	Federal only
2	1.58	Federal and private
3	3.37	Private only
4	0.88	Other combinations

Weight used in frequency: (WTA000)

**Notes:** For graduate level students with any loans (TOTLOAN>0), indicates combinations of federal loans (TFEDLN, which includes Graduate PLUS loans), state loans (STLNAMT), institutional loans (INLNAMT), and private (alternative) loans (PRIVLOAN).

**Code:** IF TOTLOAN=0 THEN GLOANSRC=0;

ELSE IF TOTLOAN GT 0 THEN

DO;

PACKTEMP=(TFEDLN GT 0) + 2\*(STLNAMT GT 0) + 4\*(INLNAMT GT 0) + 8\*(PRIVLOAN GT 0);

IF PACKTEMP=1 THEN GLOANSRC=1;

ELSE IF PACKTEMP=8 THEN GLOANSRC=3;

ELSE IF PACKTEMP=9 THEN GLOANSRC=2;

ELSE GLOANSRC=4;

END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Package

**Label:** Grant package by source of grant

**Name:** GRNTSRC

**Description:** Grant package by source of grant received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	59.65	No grant received
1	0.54	Federal only
2	1.24	State only
3	19.99	Institution only
4	12.60	Outside only
5	0.02	Federal and state

6	0.25	Federal and institution
7	0.15	Federal and outside
8	0.63	State and institution
9	0.15	State and outside
10	4.53	Institution and outside
11	0.01	Federal, state, and institution
13	0.05	Federal, institution, and outside
14	0.21	State, institution, and outside
15	0.00	Federal, state, institution, and outside

Weight used in frequency: (WTA000)

**Notes:** For students with any grant (TOTGRT>0), indicates combinations of federal grants (TFEDGRT), state grants (STGTAMT), institutional grants (INGRTAMT), and grants from other sources (OTHGTAMT).

**Code:** IF TOTGRT=0 THEN GRNTSRC=0;

ELSE IF TOTGRT > 0 THEN DO;

PACKTEMP=(TFEDGRT > 0) + 2\*(STGTAMT > 0) + 4\*(INGRTAMT > 0) + 8\*(OTHGTAMT > 0);

IF PACKTEMP=1 THEN GRNTSRC=1;

IF PACKTEMP=2 THEN GRNTSRC=2;

IF PACKTEMP=3 THEN GRNTSRC=5;

IF PACKTEMP=4 THEN GRNTSRC=3;

IF PACKTEMP=5 THEN GRNTSRC=6;

IF PACKTEMP=6 THEN GRNTSRC=8;

IF PACKTEMP=7 THEN GRNTSRC=11;

IF PACKTEMP=8 THEN GRNTSRC=4;

IF PACKTEMP=9 THEN GRNTSRC=7;

IF PACKTEMP=10 THEN GRNTSRC=9;

IF PACKTEMP=11 THEN GRNTSRC=12;

IF PACKTEMP=12 THEN GRNTSRC=10;

IF PACKTEMP=13 THEN GRNTSRC=13;

IF PACKTEMP=14 THEN GRNTSRC=14;

IF PACKTEMP=15 THEN GRNTSRC=15;

END;

**Applies to:** All respondents.

**Subject:** Financial aid: Package

**Label:** Package of private and non-private loans

**Name:** PRIVPACK

**Description:** Loan package by whether the loan received was private (alternative) or not in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	55.85	No loans received
1	3.37	Private loans only
2	39.01	Non-private loans only
3	1.77	Both non-private and private loans

Weight used in frequency: (WTA000)

**Notes:** For students with any loan (TOTLOAN > 0), indicates whether a borrower had only private or alternative loans (PRIVLOAN), only non-private loans consisting of Federal loans (TFEDLN), state loans (STLNAMT), or institutional loans (INLNAMT), or both private and non-private loans. Private or alternative loans are from commercial lenders and are not guaranteed by any governmental entity. They carry market interest rates based on credit scores.

**Code:** IF TOTLOAN=0 THEN PRIVPACK=0;

ELSE IF TOTLOAN > 0 THEN DO;

IF PRIVLOAN > 0 AND SUM(TFEDLN, STLNAMT, INLNAMT)=0 THEN PRIVPACK=1;  
 ELSE IF PRIVLOAN=0 AND SUM(TFEDLN, STLNAMT, INLNAMT) > 0 THEN PRIVPACK=2;  
 ELSE IF PRIVLOAN > 0 AND SUM(TFEDLN, STLNAMT, INLNAMT) > 0 THEN PRIVPACK=3;  
 END;

**Applies to:** All respondents.

**Subject:** Financial aid: Ratios

**Label:** Ratio of total aid to student budget

**Name:** AIDCST

**Description:** Total aid received (TOTAID) as a percentage of the total student budget (BUDGETAJ).

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, IPEDS:16, VBA:16, NSC:16, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	67.97	Positive values, see statistics below
0	27.52	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	906.00	66.75	34.24

Weight used in frequency: (WTA000)

**Notes:** For students who attended one institution (STUDMULT=1) only. In some cases total aid may exceed the total student budget (BUDGETAJ) leading to AIDCST values above 100. Though rare, this can occur when a student receives financial aid that is not required to be counted as expected financial assistance by financial aid officers in packaging financial aid. The most common occurrence of this is the receipt of Veterans' education benefits (VETTOT>0), which has been excluded from expected financial assistance for federal aid since July 1, 2009. Other occurrences of total aid exceeding the budget may be due to students receiving aid from a private source, like a private loan from a bank, without the knowledge of their NPSAS institution.

**Code:** AIDCST=ROUND(100\*(TOTAID/BUDGETAJ));

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Net price after grants as percent of income

**Name:** EFFORT3

**Description:** Net price after grants (NETCST3) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, FAFSA:16, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	93.19	Positive values, see statistics below
0	2.29	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	60.78	38.62

Weight used in frequency: (WTA000)

**Notes:** Respondents with no income (CINCOME=0) and respondents with net price more than 100 percent of their income were set to 100.

**Code:** IF NETCST3=-3 THEN EFFORT3=-3;

ELSE IF CINCOME=0 THEN EFFORT3=100;

ELSE IF CINCOME>0 THEN EFFORT3=ROUND((NETCST3/CINCOME)\*100);

IF EFFORT3>100 THEN EFFORT3=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Financial aid: Ratios

**Label:** Net tuition after all grants as percent of income

**Name:** EFFORT9

**Description:** Net tuition after all grants (NETCST9) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, FAFSA:16, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	84.80	Positive values, see statistics below
0	10.69	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	46.39	41.14

Weight used in frequency: (WTA000)

**Notes:** Respondents with no income (CINCOME = 0) and respondents with net tuition more than 100 percent of income were set to 100.

**Code:** IF NETCST9=-3 THEN EFFORT9=-3;

ELSE IF CINCOME=0 THEN EFFORT9=100;

ELSE IF CINCOME>0 THEN EFFORT9=ROUND((NETCST9/CINCOME)\*100);

IF EFFORT9>100 THEN EFFORT9=100;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Ratio of federal grants to total aid

**Name:** FEDGRPCT

**Description:** Ratio of total federal grants to total aid received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.02	Positive values, see statistics below
0	70.58	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	41.31	33.96

Weight used in frequency: (WTA000)

**Code:** IF TOTAID > 0 THEN FEDGRPCT=ROUND((TFEDGRT/TOTAID)\*100);

IF TOTAID<=0 THEN FEDGRPCT=-3;

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of federal aid to total aid

**Name:** FEDPCT

**Description:** Ratio of total federal aid to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.61	Positive values, see statistics below
0	29.99	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	86.65	21.74

Weight used in frequency: (WTA000)

**Notes:** Equal to total federal aid (TFEDAID) divided by the total aid (TOTAID). Federal aid excludes Veterans' benefits and Department of Defense aid.

**Code:** IF TOTAID>0 THEN FEDPCT=ROUND((TFEDAID/TOTAID)\*100);

IF TOTAID<=0 THEN FEDPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of Graduate PLUS Loans to total loans

**Name:** GPLUSRAT

**Description:** Ratio of Graduate PLUS Loans to total loans received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.02	Positive values, see statistics below
0	34.14	{Zero}
-3	55.85	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	44.74	21.94

Weight used in frequency: (WTA000)

**Notes:** Equal to Graduate PLUS Loans (GPLUSAMT) divided by the total loans (TOTLOAN).

**Code:** IF TOTLOAN > 0 THEN GPLUSRAT=ROUND((GPLUSAMT/TOTLOAN)\*100);

**Applies to:** All graduate respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of grant aid to student budget

**Name:** GRTCST

**Description:** Total grants received (TOTGRT) as a percentage of the total student budget (BUDGETAJ).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	38.42	Positive values, see statistics below
0	57.07	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	164.00	31.27	27.29

Weight used in frequency: (WTA000)

**Notes:** In some cases total grants may exceed the total student budget (BUDGETAJ) leading to AIDCST values above 100. Though rare, this can occur when a student receives financial aid that is not required to be counted as expected financial assistance by financial aid officers in packaging financial aid. The most common occurrence of this is the receipt of Veterans' education benefits (VETTOT>0), which has been excluded from expected financial assistance for federal aid since July 1, 2009.

**Code:**  $GRTCST = \text{ROUND}(100 * (TOTGRT / BUDGETAJ))$ ;

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Ratio of grants to total aid

**Name:** GRTPCT

**Description:** Ratio of total grants to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.28	Positive values, see statistics below
0	31.32	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	62.75	39.69

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all grants (TOTGRT) divided by the total amount of all aid (TOTALD).

**Code:** IF TOTALD > 0 THEN GRTPCT=ROUND((TOTGRT/TOTALD)\*100);

IF TOTALD <= 0 THEN GRTPCT=-3;

**Applies to:** All respondents who received any aid (TOTALD>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of grant aid to tuition

**Name:** GRTPCTTN

**Description:** Total grants received (TOTGRT) as a percentage of tuition and fees at NPSAS (TUITION2).

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, IPEDS:16, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	38.46	Positive values, see statistics below
0	57.03	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	28985.00	81.39	192.10

Weight used in frequency: (WTA000)

**Notes:** Since grants may cover educational expenses other than tuition and fees, this percentage can be greater than 100.

**Code:** IF STUDMULT=1 THEN GRTPCTTN=ROUND(100\*(TOTGRT/TUITION2));



**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Student budget as percent of income

**Name:** INCPCT1

**Description:** The adjusted cost of attendance at the NPSAS institution (BUDGETAJ) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.47	Positive values, see statistics below
0	0.02	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	62.51	38.17

Weight used in frequency: (WTA000)

**Notes:** Those with no income (CINCOME=0) or with budgets over 100 percent of income were set to 100.

**Code:** IF STUDMULT>1 THEN INCPCT1=-3;

ELSE IF CINCOME=0 THEN INCPCT1=100;

ELSE IF CINCOME>0 THEN INCPCT1=ROUND((BUDGETAJ/CINCOME)\*100);

IF INCPCT1>100 THEN INCPCT1=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Financial aid: Ratios

**Label:** Tuition as percent of income

**Name:** INCPCT2

**Description:** The tuition charged at the NPSAS institution (TUITION2) as a percentage of total income in 2014 (CINCOME).

**Source:** NPSAS:16 Student Records, IPEDS:16, FAFSA:16, NPSAS:16 Interview, NSC:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	94.90	Positive values, see statistics below
0	0.59	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	47.84	41.04

Weight used in frequency: (WTA000)

**Notes:** Those with no income (CINCOME=0) or tuition over 100 percent of income were set to 100.

**Code:** IF STUDMULT>1 THEN INCPCT2=-3;

ELSE IF CINCOME=0 THEN INCPCT2=100;

ELSE IF CINCOME>0 THEN INCPCT2=ROUND((TUITION2/CINCOME)\*100);

IF INCPCT2>100 THEN INCPCT2=100;

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Financial aid: Ratios

**Label:** Ratio of graduate assistantships and institutional grants to tuition

**Name:** INPCTTN

**Description:** Total assistantships (GRASTAMT) and institutional grants (INGRTAMT) received as a percentage of tuition and fees (TUITION2).

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	28.01	Positive values, see statistics below
0	67.48	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	17684.00	87.44	244.79

Weight used in frequency: (WTA000)

**Notes:** Since assistantships and institutional grants can be used for education expenses other than tuition, the values for INPCTTN may be greater than 100. Institutional grants include graduate fellowships (GRINFEL) and institutional tuition waivers (INSWAIV).

**Applies to:** Graduate respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Ratio of graduate assistantships and institutional grants to student budget

**Name:** INSTCST

**Description:** Total assistantships (GRASTAMT) and institutional grants (INGRTAMT) received as a percentage of student budget (BUDGETAJ).

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	27.94	Positive values, see statistics below
0	67.55	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	32.26	28.83

Weight used in frequency: (WTA000)

**Notes:** Institutional grants include graduate fellowships (GRINFEL) and institutional tuition waivers (INSWAIV).

**Applies to:** Graduate respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Ratios

**Label:** Ratio of institutional grants to total aid

**Name:** INSTGPCT

**Description:** Ratio of total institutional grants to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	25.58	Positive values, see statistics below
0	46.02	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	49.85	38.35

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of institutional grants (INGRTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN INSTGPCT=ROUND((INGRTAMT/TOTAID)\*100);

IF TOTAID LE 0 THEN INSTGPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of institution aid to total aid

**Name:** INSTPCT

**Description:** Ratio of total institutional aid to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	29.87	Positive values, see statistics below
0	41.73	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	59.57	39.34

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all institutional aid (INSTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN INSTPCT=ROUND((INSTAMT/TOTAID)\*100);

IF TOTAID LE 0 THEN INSTPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of loans to total aid

**Name:** LOANPCT

**Description:** Ratio of total loans to total aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	44.15	Positive values, see statistics below
0	27.44	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	87.95	20.59

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of all loans (TOTLOAN) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN LOANPCT=ROUND((TOTLOAN/TOTAID)\*100);

IF TOTAID LE 0 THEN LOANPCT=-3;

**Applies to:** All respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of private loans to total loans

**Name:** PRIVLRAT

**Description:** Ratio of private loans to total loans received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.14	Positive values, see statistics below
0	39.01	{Zero}
-3	55.85	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	76.25	35.20

Weight used in frequency: (WTA000)

**Notes:** Equal to private loans (PRIVLOAN) divided by the total loans (TOTLOAN). For students who did not receive a private loan but did receive other loans, this variable was set to zero.

**Code:** IF TOTLOAN > 0 THEN PRIVLRAT=ROUND((PRIVLOAN/TOTLOAN)\*100);

**Applies to:** Respondents who received any loans (TOTLOAN>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of private loans to total aid

**Name:** PRIVPCT

**Description:** Ratio of private loans to total aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.12	Positive values, see statistics below
0	66.48	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	66.24	36.44

Weight used in frequency: (WTA000)

**Notes:** Equal to private loans (PRIVLOAN) divided by the total aid (TOTAID). For students who did not receive a private loan but did receive student aid, this variable was set to zero.

**Code:** IF TOTAID > 0 THEN PRIVPCT=ROUND((PRIVLOAN/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of state aid to total aid

**Name:** STAPCT

**Description:** Ratio of total state aid to total aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NSLDS:16, VBA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.39	Positive values, see statistics below

0	69.21	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	32.80	33.56

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of state aid (STATEAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID>0 THEN STAPCT=ROUND((STATEAMT/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of state grants to total aid

**Name:** STGRPCT

**Description:** Ratio of total state grants to total aid received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.25	Positive values, see statistics below
0	69.35	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	31.80	33.54

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of state grants (STGTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN STGRPCT=ROUND((STGTAMT/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: Ratios

**Label:** Ratio of work-study to total aid

**Name:** WORKPCT

**Description:** Ratio of total work-study to total aid received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.23	Positive values, see statistics below
0	69.36	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	25.73	31.24

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of work-study (TOTWKST) divided by the total amount of all aid (TOTAID). For

students who did not receive work-study but did receive other aid, this variable is set to zero.

**Code:** IF TOTAID > 0 THEN WORKPCT=ROUND((TOTWKST/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: State

**Label:** Ratio of state aid to total aid

**Name:** STAPCT

**Description:** Ratio of total state aid to total aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NSLDS:16, VBA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.39	Positive values, see statistics below
0	69.21	{Zero}
-3	28.40	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	32.80	33.56

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of state aid (STATEAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID>0 THEN STAPCT=ROUND((STATEAMT/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: State

**Label:** State aid total

**Name:** STATEAMT

**Description:** Total amount of state aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.39	Positive values, see statistics below
0	97.61	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	40000.00	4465.73	5681.64

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state grants (STGTAMT), state loans (STLNAMT), and state-sponsored work-study (STWKAMT). Included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., California State University Grants). In past NPSAS studies, these were included as institutional aid (INSTAMT).

**Code:** STATEAMT=SUM(OF STGTAMT STLNAMT STWKAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State need-based grants

**Name:** STATNEED

**Description:** Total amount of state need-based grants received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.41	Positive values, see statistics below
0	98.59	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	22000.00	3689.63	3224.70

Weight used in frequency: (WTA000)

**Notes:** Includes state grants based only on need (STNDONLY) and those based on both need and merit (STNDMRT). To analyze state grants based solely on need, use STNDONLY. Included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., Community College Board of Governors Grants, California State University Grants, and Educational Opportunity Program grants). In past NPSAS studies, these were included as institutional need-based grants (INSTNEED). To compare estimates of state need-based grants over time, use this variable and STATNEED2 from prior NPSAS studies.

**Code:** STATNEED = STNDONLY + STNDMRT;

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State non-need & merit grants

**Name:** STATNOND

**Description:** Total amount of state grants and scholarships not based on need received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.85	Positive values, see statistics below
0	99.15	{Zero}

Minimum	Maximum	Average	Standard Deviation
158.00	34344.00	4367.58	5900.27

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state merit-only grants (STMERIT), state non-need grants (STNOND1), state military/armed forces grants (STMILAMT), and state Veterans' education benefits (STVETAMT). Includes grants and scholarships based only on academic merit criteria such as high school grades and admission test scores as well as categorical grants restricted to students meeting other criteria that are not based on need. Many states have a variety of small categorical grant programs limited to certain categories of students, most frequently military personnel (National Guard, ROTC), survivors of MIA/POWs and police/firemen, or certain types of state employees.

**Code:** STATNOND=SUM(OF STMERIT STNOND1 STMILAMT STVETAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** Ratio of state grants to total aid

**Name:** STGRPCT

**Description:** Ratio of total state grants to total aid received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.25	Positive values, see statistics below
0	69.35	{Zero}

-3	28.40	{Skipped}
----	-------	-----------

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	31.80	33.54

Weight used in frequency: (WTA000)

**Notes:** Equal to the total amount of state grants (STGTAMT) divided by the total amount of all aid (TOTAID).

**Code:** IF TOTAID > 0 THEN STGRPCT=ROUND((STGTAMT/TOTAID)\*100);

**Applies to:** Respondents who received any aid (TOTAID>0).

**Subject:** Financial aid: State

**Label:** State grants total

**Name:** STGTAMT

**Description:** Total amount of state grants, scholarships, and fellowships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.25	Positive values, see statistics below
0	97.75	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	34344.00	3959.41	4440.62

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state need-based grants (STATNEED) and state non-need and merit grants (STATNOND). Includes the federal matching funds to states through the Leveraging Educational Assistance Partnership (LEAP) program. Also included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., California State University Grants). In past NPSAS studies, these were included as institutional grants (INGRTAMT).

**Code:** STGTAMT=SUM(OF STATNEED STATNOND);

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State loans

**Name:** STLNAMT

**Description:** Total amount of state loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.10	Positive values, see statistics below
0	99.90	{Zero}

Minimum	Maximum	Average	Standard Deviation
1000.00	40000.00	16945.40	12880.54

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: State



**Label:** State merit-only grants

**Name:** STMERIT

**Description:** Total amount of state merit-only grants and scholarships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.11	Positive values, see statistics below
0	99.89	{Zero}

Minimum	Maximum	Average	Standard Deviation
231.00	16903.00	2119.37	3127.34

Weight used in frequency: (WTA000)

**Notes:** These are grants based only on academic merit criteria such as high school grades and admission test scores. STATNOND includes these academic merit programs as well as categorical grant programs limited to certain categories of students but not based on need criteria. STATNEED includes grants based on both need and academic merit criteria, as well as those based on need only. Students may receive both need-based and non-need-based grants.

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State military/armed forces grants

**Name:** STMILAMT

**Description:** Total amount of state military/armed forces grants received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.01	Positive values, see statistics below
0	99.99	{Zero}

Minimum	Maximum	Average	Standard Deviation
440.00	1881.00	747.31	426.33

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State grants based both on need and merit

**Name:** STNDMRT

**Description:** Total amount of state grants based both on need and merit during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.12	Positive values, see statistics below
0	99.88	{Zero}

Minimum	Maximum	Average	Standard Deviation
---------	---------	---------	--------------------

600.00	13834.00	7111.70	4080.06
--------	----------	---------	---------

Weight used in frequency: (WTA000)

**Notes:** Many state grant programs have both need and merit components. The extent to which either one is required to receive these grants varies by state program and sometimes within the program itself. This variable is also a component of state need-based grants (STATNEED), which includes state need-based grants without a merit component (STNDONLY).

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State need-based only grants

**Name:** STNDONLY

**Description:** Total amount of state grants based only on need during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.30	Positive values, see statistics below
0	98.70	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	22000.00	3344.71	2913.11

Weight used in frequency: (WTA000)

**Notes:** This variable is also a component of state need-based grants (STATNEED), which includes state need-based grants that also have a merit component (STNDMRT).

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State non-need grants

**Name:** STNOND1

**Description:** Total amount of state grants received in 2015-16 academic year that were based neither on need nor merit.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.71	Positive values, see statistics below
0	99.29	{Zero}

Minimum	Maximum	Average	Standard Deviation
158.00	34344.00	4819.87	6231.59

Weight used in frequency: (WTA000)

**Notes:** Typically, these are small aid programs for specific categories of students, such as tuition waivers for state employees, teachers, or the survivors of police or firemen killed in the line of duty.

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State Veterans' education benefits

**Name:** STVETAMT

**Description:** Total amount of state Veterans' education benefits received in 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.02	Positive values, see statistics below
0	99.98	{Zero}

Minimum	Maximum	Average	Standard Deviation
253.00	5216.00	2035.33	1390.39

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Financial aid: State

**Label:** State work-study

**Name:** STWKAMT

**Description:** Total amount of state work-study received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.04	Positive values, see statistics below
0	99.96	{Zero}

Minimum	Maximum	Average	Standard Deviation
1695.00	4071.00	2096.19	712.56

Weight used in frequency: (WTA000)

**Notes:** Note that some values may represent the awarded amount and not the amount earned by students via their workstudy placement.

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Ratio of total aid to student budget

**Name:** AIDCST

**Description:** Total aid received (TOTALD) as a percentage of the total student budget (BUDGETAJ).

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, IPEDS:16, VBA:16, NSC:16, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	67.97	Positive values, see statistics below
0	27.52	{Zero}
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	906.00	66.75	34.24

Weight used in frequency: (WTA000)

**Notes:** For students who attended one institution (STUDMULT=1) only. In some cases total aid may exceed the total student budget (BUDGETAJ) leading to AIDCST values above 100. Though rare, this can occur when a student receives financial aid that is not required to be counted as expected financial assistance by financial aid officers in

packaging financial aid. The most common occurrence of this is the receipt of Veterans' education benefits (VETTOT>0), which has been excluded from expected financial assistance for federal aid since July 1, 2009. Other occurrences of total aid exceeding the budget may be due to students receiving aid from a private source, like a private loan from a bank, without the knowledge of their NPSAS institution.

**Code:** AIDCST=ROUND(100\*(TOTAID/BUDGETAJ));

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Financial aid: Total

**Label:** Aid package by source of aid

**Name:** AIDSRC

**Description:** Aid package by source of aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	23.06	Federal only
2	0.35	State only
3	12.32	Institution only
4	12.69	Outside only
5	0.84	Federal and state
6	9.74	Federal and institution
7	4.44	Federal and outside
8	0.24	State and institution
9	0.09	State and outside
10	4.17	Institution and outside
11	0.43	Federal, state, and institution
12	0.17	Federal, state, and outside
13	2.79	Federal, institution, and outside
14	0.12	State, institution, and outside
15	0.14	Federal, state, institution, and outside

Weight used in frequency: (WTA000)

**Notes:** For students with any aid (TOTAID>0), indicates combinations of federal aid (TFEDAID), state aid (STATEAMT), institutional aid (INSTAMT), and other sources of aid (OTHRSCR).

**Code:** IF TOTAID=0 THEN AIDSRC=0;

ELSE IF TOTAID > 0 THEN DO;

PACKTEMP=(TFEDAID > 0) + 2\*(STATEAMT > 0) + 4\*(INSTAMT > 0) + 8\*(OTHRSCR > 0);

IF PACKTEMP=1 THEN AIDSRC=1;

IF PACKTEMP=2 THEN AIDSRC=2;

IF PACKTEMP=3 THEN AIDSRC=5;

IF PACKTEMP=4 THEN AIDSRC=3;

IF PACKTEMP=5 THEN AIDSRC=6;

IF PACKTEMP=6 THEN AIDSRC=8;

IF PACKTEMP=7 THEN AIDSRC=11;

IF PACKTEMP=8 THEN AIDSRC=4;

IF PACKTEMP=9 THEN AIDSRC=7;

IF PACKTEMP=10 THEN AIDSRC=9;

IF PACKTEMP=11 THEN AIDSRC=12;

IF PACKTEMP=12 THEN AIDSRC=10;

IF PACKTEMP=13 THEN AIDSRC=13;

IF PACKTEMP=14 THEN AIDSRC=14;  
 IF PACKTEMP=15 THEN AIDSRC=15;  
 END;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Graduate aid package by source of aid

**Name:** AIDSRCG

**Description:** Graduate aid package by source of aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	23.06	Federal only
2	12.32	Institutional only
3	7.01	Employer only
4	5.48	Other source only
5	9.74	Federal and institutional
6	2.10	Federal and employer
7	3.09	Federal and other
8	1.64	Institutional and employer
9	2.58	Institutional and other
10	0.64	Employer and other
11	0.82	Federal, institutional, and employer
12	0.26	Federal, employer, and other
13	2.39	Federal, institutional, and other
14	0.32	Institutional, employer, and other
15	0.15	Federal, institutional, employer, and other

Weight used in frequency: (WTA000)

**Notes:** For graduate students who received any aid (TOTALD>0), this variable indicates the combination of federal (TFEDAID), institutional (INSTAMT), employer (EMPLYAM3), and other sources of aid. Other aid in this variable includes state aid (STATEAMT), private loans (PRIVLOAN), and private source grants (PRIVAID). This variable is similar to AIDSRC, but categorizes student aid based on financial aid sources more commonly awarded to graduate students, rather than undergraduates.

**Code:** IF TOTALD=0 THEN AIDSRCG=0;

ELSE IF TOTALD>0 THEN DO;

OTHSCRG = STATEAMT + OTHSCR - EMPLYAM3;

PACKTEMP = (TFEDAID>0) + 2\*(INSTAMT>0) + 4\*(EMPLYAM3>0)+8\*(OTHSCRG>0);

IF PACKTEMP=1 THEN AIDSRCG = 1;

IF PACKTEMP = 2 THEN AIDSRCG = 2;

IF PACKTEMP = 3 THEN AIDSRCG = 5;

IF PACKTEMP = 4 THEN AIDSRCG = 3;

IF PACKTEMP = 5 THEN AIDSRCG = 6;

IF PACKTEMP = 6 THEN AIDSRCG = 8;

IF PACKTEMP = 7 THEN AIDSRCG = 11;

IF PACKTEMP = 8 THEN AIDSRCG = 4;

IF PACKTEMP = 9 THEN AIDSRCG = 7;

IF PACKTEMP = 10 THEN AIDSRCG = 9;

IF PACKTEMP = 11 THEN AIDSRCG = 13;

IF PACKTEMP = 12 THEN AIDSRCG = 10;  
 IF PACKTEMP = 13 THEN AIDSRCG = 12;  
 IF PACKTEMP = 14 THEN AIDSRCG = 14;  
 IF PACKTEMP = 15 THEN AIDSRCG = 15;  
 END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Total

**Label:** Aid package by type of aid

**Name:** AIDTYPE

**Description:** Aid package by type of aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	19.43	Grants only
2	25.35	Loans only
3	0.23	Work-study only
4	3.63	Other only
5	14.29	Grants and loans
6	0.36	Grants and work-study
7	3.73	Grants and other
8	0.65	Loans and work-study
9	1.28	Loans and other
10	0.02	Work-study and other
11	0.74	Grants, loans, and work-study
12	1.65	Grants, loans, and other
13	0.05	Grants, work-study, and other
14	0.09	Loans, work-study, and other
15	0.10	Grants, loans, work-study, and other

Weight used in frequency: (WTA000)

**Notes:** For students with any aid (TOTALD>0), indicates combinations of grants (TOTGRT), loans (TOTLOAN), work-study (TOTWKST), and other types of aid (OTHTYPE).

**Code:** IF TOTALD=0 THEN AIDTYPE=0;

ELSE IF TOTALD GT 0 THEN DO;

PACKTEMP=(TOTGRT GT 0) + 2\*(TOTLOAN GT 0) + 4\*(TOTWKST GT 0) + 8\*(OTHTYPE GT 0);

IF PACKTEMP=1 THEN AIDTYPE=1;

IF PACKTEMP=2 THEN AIDTYPE=2;

IF PACKTEMP=3 THEN AIDTYPE=5;

IF PACKTEMP=4 THEN AIDTYPE=3;

IF PACKTEMP=5 THEN AIDTYPE=6;

IF PACKTEMP=6 THEN AIDTYPE=8;

IF PACKTEMP=7 THEN AIDTYPE=11;

IF PACKTEMP=8 THEN AIDTYPE=4;

IF PACKTEMP=9 THEN AIDTYPE=7;

IF PACKTEMP=10 THEN AIDTYPE=9;

IF PACKTEMP=11 THEN AIDTYPE=12;

IF PACKTEMP=12 THEN AIDTYPE=10;

IF PACKTEMP=13 THEN AIDTYPE=13;

IF PACKTEMP=14 THEN AIDTYPE=14;  
 IF PACKTEMP=15 THEN AIDTYPE=15;  
 END;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Graduate aid package by type of aid

**Name:** AIDYPEG

**Description:** Graduate aid package by type of aid received in 2015-16

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	28.40	No aid received
1	19.43	Grants only
2	25.35	Loans only
3	2.26	Assistantships only
4	1.58	Other only
5	14.29	Grants and loans
6	3.05	Grants and assistantships
7	1.05	Grants and other
8	0.88	Loans and assistantships
9	1.05	Loans and other
10	0.03	Assistantships and other
11	1.27	Grants, loans, and assistantships
12	1.10	Grants, loans, and other
13	0.04	Grants, assistantships, and other
14	0.09	Loans, assistantships, and other
15	0.12	Grants, loans, assistantships, and other

Weight used in frequency: (WTA000)

**Notes:** For graduate students who received any aid (TOTALID>0), this variable indicates the combination of grants (TOTGRT), loans (TOTLOAN), assistantships (GRASTAMT), and other types of aid received. Other types for this variable include work-study (TOTWKST) and Veterans' benefits and Department of Defense aid (VADODAMT). This variable is similar to AIDTYPE, but categorizes aid received into types more commonly awarded to graduate students, rather than undergraduates.

**Code:** IF TOTALID=0 THEN AIDYPEG=0;

ELSE IF TOTALID>0 THEN DO;

OTHYPEG = TOTWKST + VADODAMT;

PACKTEMP = (TOTGRT>0) + 2\*(TOTLOAN>0) + 4\*(GRASTAMT>0) + 8 \* (OTHYPEG>0);

IF PACKTEMP=1 THEN AIDYPEG = 1;

IF PACKTEMP = 2 THEN AIDYPEG = 2;

IF PACKTEMP = 3 THEN AIDYPEG = 5;

IF PACKTEMP = 4 THEN AIDYPEG = 3;

IF PACKTEMP = 5 THEN AIDYPEG = 6;

IF PACKTEMP = 6 THEN AIDYPEG = 8;

IF PACKTEMP = 7 THEN AIDYPEG = 11;

IF PACKTEMP = 8 THEN AIDYPEG = 4;

IF PACKTEMP = 9 THEN AIDYPEG = 7;

IF PACKTEMP = 10 THEN AIDYPEG = 9;

IF PACKTEMP = 11 THEN AIDYPEG = 13;

IF PACKTEMP = 12 THEN AIDTYPEG = 10;  
 IF PACKTEMP = 13 THEN AIDTYPEG = 12;  
 IF PACKTEMP = 14 THEN AIDTYPEG = 14;  
 IF PACKTEMP = 15 THEN AIDTYPEG = 15;  
 END;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Total

**Label:** Total federal loans and grants

**Name:** FGRTLN

**Description:** Total amount of federal student loans and federal grants received in 2015-16.

**Source:** NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.96	Positive values, see statistics below
0	59.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23601.63	18883.30

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal loans (TFEDLN) and federal grants (TFEDGRT). Direct Unsubsidized annual loan limits apply to all students and increase by academic level. In 2015-16, the limit for graduate and professional students was \$20,500 (with higher limits for graduate and professional students in certain health fields). However, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1, 2015 - June 30, 2016) and for students to progress to higher academic levels with higher borrowing limits within the aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

**Code:** FGRTLN=TFEDLN+TFEDGRT;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Institutional aid total

**Name:** INSTAMT

**Description:** Total amount of institutional aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	29.96	Positive values, see statistics below
0	70.04	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	120790.00	12326.67	14460.62

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of institutional grants and fellowships (INGRTAMT), institutional loans (INLNAMT), institution-sponsored work-study (INSTWRK), and graduate student assistantships (GRASTAMT). This variable does not include state grants for California public institutions that are funded by state dollars and allocated by the institutions (e.g., California State University Grants). These were classified as state aid (STATEAMT) in NPSAS:16, which differs from prior NPSAS studies.

**Code:** INSTAMT=SUM(OF INGRTAMT GRASTAMT INLNAMT INSTWRK);

**Applies to:** All respondents.



**Subject:** Financial aid: Total

**Label:** Total federal and non-federal Military/Armed Forces grants

**Name:** MILTOT

**Description:** Amount of federal, state, and institution Military/Armed Forces grants received in 2015-16

**Source:** NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.51	Positive values, see statistics below
0	99.49	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	85973.00	9183.11	17193.73

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal Department of Defense (military) aid (DODAMT), state military/Armed Forces grants (STMILAMT), and institution military/Armed Forces grants (INSMILAMT).

**Code:** MILTOT = SUM(OF DODAMT STMILAMT INSMILAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Outside sources total

**Name:** OTHRSCR

**Description:** Total amount of aid from outside sources received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	24.63	Positive values, see statistics below
0	75.37	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	133999.00	8966.00	11853.29

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of outside grants (OTHGTAMT), private commercial or alternative loans (PRIVLOAN), and federal Veterans' benefits and military tuition aid (VADODAMT).

**Code:** OTHRSCR=SUM(OF OTHGTAMT PRIVLOAN VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total other type of aid (assistantships and VA)

**Name:** OTHTYPE

**Description:** Total amount of aid received during the 2015-16 academic year not classified by type as grants, loans to students, or work-study.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.54	Positive values, see statistics below
0	89.46	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	85973.00	14266.39	11933.35

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of total graduate assistantship amount (GRASTAMT) and federal Veterans' benefits and military tuition aid (VADODAMT).

**Code:** OTHTYPE=SUM(OF GRASTAMT VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total other type of aid including work-study

**Name:** OTHTYPE2

**Description:** Total other type of aid including work study.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	12.53	Positive values, see statistics below
0	87.47	{Zero}

Minimum	Maximum	Average	Standard Deviation
28.00	85973.00	12647.02	11713.24

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of institutional graduate teaching and research assistantships (GRASTAMT), federal Veterans' benefits and military tuition aid (VADODAMT), and all work-study awards (TOTWKST).

**Code:** OTHTYPE2=SUM(OTHTYPE,TOTWKST);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Cumulative Pell amount

**Name:** PELLCUM

**Description:** Cumulative amount of Pell grant funds ever received between the 1993-94 and 2015-16 award years.

**Source:** NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	36.31	Positive values, see statistics below
0	63.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
96.00	46883.00	11628.87	8439.70

Weight used in frequency: (WTA000)

**Notes:** Based on the National Student Loan Data System files that began recording annual Pell amounts starting with the 1993-94 award year and student records. Pell grants are only awarded to undergraduates.

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total private sources grants and loans

**Name:** PRIVAMT

**Description:** Total private source grants and loans in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	10.20	Positive values, see statistics below
0	89.80	{Zero}

Minimum	Maximum	Average	Standard Deviation
50.00	85000.00	9777.51	12384.85

Weight used in frequency: (WTA000)

**Notes:** Sum of grants from private sources (PRIVAID) and private (alternative) loans (PRIVLOAN).

**Code:** PRIVAMT=SUM(OF PRIVAID PRIVLOAN);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** State aid total

**Name:** STATEAMT

**Description:** Total amount of state aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.39	Positive values, see statistics below
0	97.61	{Zero}

Minimum	Maximum	Average	Standard Deviation
150.00	40000.00	4465.73	5681.64

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state grants (STGTAMT), state loans (STLNAMT), and state-sponsored work-study (STWKAMT). Included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., California State University Grants). In past NPSAS studies, these were included as institutional aid (INSTAMT).

**Code:** STATEAMT=SUM(OF STGTAMT STLNAMT STWKAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal aid (excludes Veterans/DOD)

**Name:** TFEDAID

**Description:** Total amount of federal aid (excluding Veterans' benefits & DOD) received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.61	Positive values, see statistics below
0	58.39	{Zero}

Minimum	Maximum	Average	Standard Deviation
---------	---------	---------	--------------------

100.00	125640.00	23392.68	18957.33
--------	-----------	----------	----------

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal grants (TFEDGRT), federal loans (TFEDLN), and federal work-study (TFEDWRK). TFEDAID includes both Title IV (TITIVAMT) and non-Title IV federal aid programs. The latter includes federal health professions loans and other smaller federal grant programs (OTHFDGRT).

**Code:** TFEDAID=SUM(OF TFEDGRT TFEDLN TFEDWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal aid (includes Veterans'/DOD)

**Name:** TFEDAID2

**Description:** Total amount of federal aid (including Veterans' benefits & DOD) received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	43.68	Positive values, see statistics below
0	56.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	125640.00	23350.05	19067.69

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of total federal aid (TFEDAID) and federal Veterans' education benefits and military education assistance (VADODAMT). TFEDAID2 includes both Title IV (TITIVAMT) and non-Title IV federal aid programs. The latter includes federal health professions loans, other federal grant programs (OTHFDGRT), and federal Veterans' education benefits and military/armed forces grants (VADODAMT).

**Code:** TFEDAID2=SUM(OF TFEDAID VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal grants and Veterans'/DOD

**Name:** TFEDGRT2

**Description:** Total amount of all federal grants and federal Veterans' benefits and Department of Defense aid received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	3.87	Positive values, see statistics below
0	96.13	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	85973.00	14178.81	13644.98

Weight used in frequency: (WTA000)

**Code:** TFEDGRT2=SUM(OF TFEDGRT VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total loans and grants

**Name:** TGRTLN

**Description:** Total amount of loans and grants received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	67.73	Positive values, see statistics below
0	32.27	{Zero}

Minimum	Maximum	Average	Standard Deviation
37.00	146042.00	20904.88	19964.61

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of total loans (TOTLOAN) and total grants (TOTGRT).

**Code:** TGRTLN=TOTLOAN+TOTGRT;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal Title IV aid

**Name:** TITIVAMT

**Description:** Total amount of federal Title IV financial aid received during the 2015-16 academic year.

**Source:** NSLDS:16, NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	41.22	Positive values, see statistics below
0	58.78	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	125640.00	23383.33	18842.72

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Title IV loans (T4LNAMT1), TEACH grants (TEACHGRT), and federal college work-study (TFEDWRK). Unlike total federal aid (TFEDAID), this variable excludes non-Title IV programs like federal health professions loans and other federal grant programs (OTHFDGRT). TEACH grants (TEACHGRT) are included in TITIVAMT since they are also disbursed under Title IV. NPSAS:12 included TEACH grants as other federal grants (OTHFDGRT) and did not report them separately. Also see TFEDAID2, which includes federal Veterans' benefits and Department of Defense grants (VADODAMT).

**Code:** TITIVAMT=SUM(OF T4LNAMT1 TEACHGRT TFEDWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total non-federal aid

**Name:** TNFEDAID

**Description:** Total amount of non-federal financial aid received in 2015-16.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	46.81	Positive values, see statistics below
0	53.19	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	120790.00	11844.49	14142.86

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state aid (STATEAMT), institutional aid (INSTAMT), private (alternative) loans (PRIVLOAN), and grants from outside sources (OTHGTAMT). Grants from outside sources include private sources and employer aid.

**Code:** TNFEDAID=SUM(STATEAMT, INSTAMT, OTHGTAMT, PRIVLOAN);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total non-federal grants

**Name:** TNFEDGRT

**Description:** Total amount of non-federal grants received in 2015-16.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	39.81	Positive values, see statistics below
0	60.19	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9436.72	11951.71

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state grants (STGTAMT), institutional grants (INGRTAMT), and grants from outside sources (OTHGTAMT). Grants from outside sources include private sources and employer aid.

**Code:** TNFEDGRT=SUM(STGTAMT, INGRTAMT, OTHGTAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total non-federal loans

**Name:** TNFEDLN

**Description:** Total amount of non-federal loans received in 2015-16.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.83	Positive values, see statistics below
0	94.17	{Zero}

Minimum	Maximum	Average	Standard Deviation
51.00	85000.00	12605.22	13181.02

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of state loans (STLNAMT), institutional loans (INLNAMT), and private (alternative) loans (PRIVLOAN). Also equal to total loans (TOTLOAN) minus total federal loans (TFEDLN). Does not include loans from family or friends.

**Code:** TNFEDLN=SUM(OF STLNAMT INLNAMT PRIVLOAN);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total aid amount

**Name:** TOTAID

**Description:** Total amount of all financial aid received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	71.60	Positive values, see statistics below
0	28.40	{Zero}

Minimum	Maximum	Average	Standard Deviation
37.00	159074.00	21986.98	20453.34

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of all types of aid or the sum of aid from all sources. The types of aid and sources of aid were categorized according to the aid matrix below:

Aid Sources: Federal + State + Institutional + Outside = Totals

Aid Types:

Grants: TFEDGRT + STGTAMT + INGRAMT + OTHGTAMT = TOTGRT

Loans: TFEDLN + STLNAMT + INLNAMT + PRIVLOAN = TOTLOAN

Work-study: TFEDWRK + STWKAMT + INSTWRK = TOTWKST

Other: GRASTAMT + VADODAMT = OTHTYPE

Totals: TFEDAID + STATEAMT + INSTAMT + OTHRSCR = TOTAID

**Code:** TOTAID=SUM(OF TOTGRT TOTLOAN TOTWKST OTHTYPE);

or

TOTAID=SUM(OF TFEDAID STATEAMT INSTAMT OTHRSCR);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal (Title IV), state, & institutional aid

**Name:** TOTAID2

**Description:** Total amount of federal Title IV, state, and institutional aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	58.72	Positive values, see statistics below
0	41.28	{Zero}

Minimum	Maximum	Average	Standard Deviation
35.00	146042.00	22887.61	20264.23

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Title IV (TITIVAMT), state (STATEAMT), and institutional (INSTAMT) aid received in 2015-16. It excludes outside sources (primarily private grants and loans, employer tuition reimbursements, and Veterans' education benefits). This variable includes Graduate PLUS Loans (GPLUSAMT).

**Code:** TOTAID2=SUM(OF TITIVAMT STATEAMT INSTAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total aid (excludes Veterans'/DOD)

**Name:** TOTAID7

**Description:** Total amount of all financial aid received in 2015-16 except for federal Veterans' benefits and military tuition aid.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	70.25	Positive values, see statistics below
0	29.75	{Zero}

Minimum	Maximum	Average	Standard Deviation
37.00	146042.00	21748.95	20265.20

Weight used in frequency: (WTA000)

**Notes:** Equal to the total aid (TOTAID) minus federal Veterans' benefits and military tuition aid (VADODAMT).

**Code:** TOTAID7 = TOTAID - VADODAMT;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total aid excluding private loans

**Name:** TOTAID8

**Description:** Total amount of all financial aid received in 2015-16 except for private (alternative) loans.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	69.37	Positive values, see statistics below
0	30.63	{Zero}

Minimum	Maximum	Average	Standard Deviation
37.00	159074.00	21772.19	20440.17

Weight used in frequency: (WTA000)

**Code:** TOTAID8=SUM(TOTGRT, TFEDLN, STLNAMT, INLNAMT, TOTWKST, OTHTYPE);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Cum. amount owed, principal & interest, all loans for undergraduate

**Name:** TOTDUE1

**Description:** Indicates total amount owed, both principal and interest, on all loans for undergraduate education as of late 2016. Excludes Parent PLUS Loans.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	43.32	Positive values, see statistics below
0	56.68	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	232957.00	29282.81	23673.45

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the National Student Loan Data System cumulative federal loan amount outstanding, principal and interest (FEDDUE1) plus the cumulative amount of non-federal (private) loans from undergraduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount due on federal



loans (FEDDUE1) to the total amount of federal loans borrowed (FEDCUM1). This assumes the respondent had an equal repayment rate for federal and non-federal (private) loans. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable OWEAMT1 contains principal amount only for loans, which can include capitalized interest for unsubsidized loans, but otherwise does not include interest. Interest and principal were not differentiated for non-federal (private) loans. To analyze the cumulative amount of loans borrowed for undergraduate education, see BORAMT1.

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Cum. amount owed, principal & interest, all loans for graduate

**Name:** TOTDUE2

**Description:** Indicates total amount owed, both principal and interest, on all loans for graduate education as of late 2016.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	53.68	Positive values, see statistics below
0	46.32	{Zero}

Minimum	Maximum	Average	Standard Deviation
60.00	683245.00	62437.38	67825.58

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the National Student Loan Data System cumulative federal loan amount outstanding, principal and interest (FEDDUE2) plus the cumulative amount of non-federal (private) loans from graduate education still owed. The non-federal (private) amount owed is estimated using the ratio of the amount due on federal loans (FEDDUE2) to the total amount of federal loans borrowed (FEDCUM2). This assumes the respondent had an equal repayment rate for federal and non-federal (private) loans. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed. A similar variable OWEAMT2 contains principal amount only for federal loans, which can include capitalized interest for unsubsidized federal loans, but otherwise does not include interest. Interest and principal were not differentiated for non-federal (private) loans. To analyze the cumulative amount of loans borrowed for graduate education, see BORAMT2.

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Total

**Label:** Cum. amount owed, principal & interest, all education loans

**Name:** TOTDUE3

**Description:** Indicates total amount owed, both principal and interest, on all loans for undergraduate or graduate education as of late 2016.

**Source:** NSLDS:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	61.17	Positive values, see statistics below
0	38.83	{Zero}

Minimum	Maximum	Average	Standard Deviation
55.00	711714.00	75523.44	71019.14

Weight used in frequency: (WTA000)

**Notes:** This variable is the sum of amount owed, principal and interest, for undergraduate loans (TOTDUE1) and the amount owed, principal and interest, for graduate loans (TOTDUE2). Since loans accumulate interest over time, the

amount owed may be greater than the original amount borrowed. A similar variable OWEAMT3 contains principal amount only for federal loans, which can include capitalized interest for unsubsidized federal loans, but otherwise does not include interest. Interest and principal were not differentiated for non-federal (private) loans. To analyze the cumulative amount of loans borrowed for undergraduate and graduate education, see BORAMT3.

**Code:** TOTDUE3 = TOTDUE1 + TOTDUE2

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Total

**Label:** Total grants

**Name:** TOTGRT

**Description:** Total amount of all grants and scholarships received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.35	Positive values, see statistics below
0	59.65	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9519.07	12066.21

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of all federal grants (TFEDGRT), state grants (STGTAMT), institutional grants (INGRTAMT), and outside grants (OTHGTAMT). OTHGTAMT includes employer tuition reimbursements (EMPLYAM3) and grants from private sources (PRIVAIID).

**Code:** TOTGRT=SUM(OF TFEDGRT STGTAMT INGRTAMT OTHGTAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total grants and Veterans'/DOD

**Name:** TOTGRT2

**Description:** Total amount of all grants and federal Veterans' benefits and Department of Defense aid received in 2015-16.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	42.12	Positive values, see statistics below
0	57.88	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	144388.00	10219.80	12841.86

Weight used in frequency: (WTA000)

**Code:** TOTGRT2=SUM(OF TOTGRT VADODAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total state and institutional grants

**Name:** TOTGRT4

**Description:** Total amount of state and institutional grants received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	27.06	Positive values, see statistics below
0	72.94	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	9801.58	12186.60

Weight used in frequency: (WTA000)

**Notes:** The sum of state grants (STGTAMT) and institutional grants (INGRTAMT).

**Code:** TOTGRT4=SUM(OF STGTAMT INGRTAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total graduate grants/fellowships excluding employer aid

**Name:** TOTGRT5

**Description:** The total amount of graduate fellowships, grants, and tuition waivers, except for employer aid, received in 2015-16.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	29.77	Positive values, see statistics below
0	70.23	{Zero}

Minimum	Maximum	Average	Standard Deviation
12.00	95574.00	10179.89	12810.54

Weight used in frequency: (WTA000)

**Notes:** Equal to total amount of all grants (TOTGRT) minus employer aid (EMPLYAMT). Includes grants and fellowships for graduate students from any source. Fellowships whose source is not identified were assumed to be institutional grants (GRINFEL).

**Code:** TOTGRT5 = TOTGRT - EMPLYAMT;

**Applies to:** All graduate respondents.

**Subject:** Financial aid: Total

**Label:** Total loans

**Name:** TOTLOAN

**Description:** Total amount of all loans received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	44.15	Positive values, see statistics below
0	55.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23366.46	18951.16

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of all federal loans (TFEDLN), state loans (STLNAMT), institutional loans (INLNAMT), and other private commercial or alternative loans (PRIVLOAN). Includes Graduate PLUS Loans (GPLUSAMT).

**Code:** TOTLOAN=SUM(OF TFEDLN STLNAMT INLNAMT PRIVLOAN);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total loans excluding private loans

**Name:** TOTLOAN3

**Description:** Total amount of all loans excluding private loans received in 2015-16.

**Source:** NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	40.78	Positive values, see statistics below
0	59.22	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23730.04	19029.98

Weight used in frequency: (WTA000)

**Notes:** Equal to the difference of total loans (TOTLOAN) and private (alternative) loans (PRIVLOAN).

**Code:** TOTLOAN3=TOTLOAN-PRIVLOAN;

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total work-study

**Name:** TOTWKST

**Description:** Total amount of all work-study awards received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.24	Positive values, see statistics below
0	97.76	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	22000.00	3592.25	2402.18

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of all federal work-study (TFEDWRK), state work-study (STWKAMT), and institutional work-study (INSTWRK). Graduate research, teaching, or other assistantships were classified separately as "other" institutional aid (GRASTAMT), and were not included here.

**Code:** TOTWKST=SUM(OF TFEDWRK STWKAMT INSTWRK);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total unsubsidized loans (all sources)

**Name:** UNSBLOAN

**Description:** Total amount of all unsubsidized loans from any source received in 2015-16.

**Source:** NPSAS:16 Student Records, NSLDS:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	44.15	Positive values, see statistics below
0	55.85	{Zero}

Minimum	Maximum	Average	Standard Deviation
108.00	125640.00	23208.20	18772.21

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of Direct Unsubsidized Loans (also known as unsubsidized Stafford Loans) (STAFUNSB), federal health professions loans, state loans (STLNAMT), institutional loans (INLNAMT), private (alternative) loans (PRIVLOAN), and Graduate PLUS Loans (GPLUSAMT).

**Code:** UNSBLOAN = SUM(OF STAFUNSB PHSLOAN STLNAMT INLNAMT PRIVLOAN GPLUSAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Total

**Label:** Total federal and non-federal Veterans' education benefits

**Name:** VETTOT

**Description:** Amount of federal, state, and institutional Veterans' education benefits received in 2015-16

**Source:** NPSAS:16 Student Records, VBA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	2.73	Positive values, see statistics below
0	97.27	{Zero}

Minimum	Maximum	Average	Standard Deviation
39.00	91057.00	15646.66	12721.24

Weight used in frequency: (WTA000)

**Notes:** Equal to the sum of federal Veterans' benefits (VETBEN), state Veterans' benefits (STVETAMT), and institutional Veterans' benefits (INSVETAMT).

**Code:** VETTOT = SUM(OF VETBEN STVETAMT INSVETAMT);

**Applies to:** All respondents.

**Subject:** Financial aid: Work study

**Label:** Institutional work-study

**Name:** INSTWRK

**Description:** Total amount of all institutionally sponsored work-study received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.31	Positive values, see statistics below
0	99.69	{Zero}

Minimum	Maximum	Average	Standard Deviation
168.00	11049.00	3902.37	2174.73

Weight used in frequency: (WTA000)

**Notes:** Includes work-study or campus employment funded by the institution and awarded as financial aid. Note that some values may represent the awarded amount and not the amount earned by students via their workstudy

placement.

**Applies to:** All respondents.

**Subject:** Financial aid: Work study

**Label:** State work-study

**Name:** STWKAMT

**Description:** Total amount of state work-study received during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	0.04	Positive values, see statistics below
0	99.96	{Zero}

Minimum	Maximum	Average	Standard Deviation
1695.00	4071.00	2096.19	712.56

Weight used in frequency: (WTA000)

**Notes:** Note that some values may represent the awarded amount and not the amount earned by students via their workstudy placement.

**Applies to:** All respondents.

**Subject:** Financial aid: Work study

**Label:** Federal work-study

**Name:** TFEDWRK

**Description:** Total amount of federal work-study awarded for the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	1.93	Positive values, see statistics below
0	98.07	{Zero}

Minimum	Maximum	Average	Standard Deviation
100.00	22000.00	3500.77	2340.74

Weight used in frequency: (WTA000)

**Notes:** Federal Work Study is a campus-based federal aid program and awarded on the basis of need. Student records were the primary source used, which collected the amount of Federal Work Study awarded, rather than the amount received or disbursed by the institution to the student upon completion of the work. As such, these estimates should be used with caution, as they do not represent the amount of money that went toward paying for school in all cases.

**Applies to:** All respondents.

**Subject:** Institution price

**Label:** Student budget (attendance adjusted)

**Name:** BUDGETAJ

**Description:** Price of attendance or total student budget (attendance adjusted) at NPSAS institution during 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.49	Positive values, see statistics below

-3	4.51	{Skipped}
----	------	-----------

Minimum	Maximum	Average	Standard Deviation
785.00	147388.00	28898.12	21557.80

Weight used in frequency: (WTA000)

**Notes:** For students who attended one institution in the NPSAS year (STUDMULT=1) only. Equal to the sum of tuition and fees (TUITION2), plus total non-tuition expenses (BUDNONAJ). See BUDNONAJ for detail. If BUDGETAJ is less than the total aid amount (TOTAID) minus private loans (PRIVLOAN) and total Veterans' education benefits (VETTOT), then BUDGETAJ is adjusted to match total aid amount (TOTAID) minus private loans (PRIVLOAN) minus total Veterans' education benefits (VETTOT). Effective July 1, 2009, Veterans' education benefits were no longer considered expected financial assistance to students for the purposes of awarding federal financial aid.

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Institution price

**Label:** Tuition and fees paid

**Name:** TUITION2

**Description:** Tuition and fees at the sampled NPSAS institution for students who attended only one institution (STUDMULT=1) during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.49	Positive values, see statistics below
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
50.00	93450.00	14791.67	14576.07

Weight used in frequency: (WTA000)

**Notes:** Students who attended more than one institution (STUDMULT>1) were skipped, because the tuition at institutions other than the NPSAS institution were not known. The tuition as reported by institutions was the primary source, edited and adjusted for attendance status if necessary. If tuition data were not available from institutions, tuition data were taken from the 2015-16 IPEDS Institutional Characteristics data collection and adjusted for attendance status.

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Institution type

**Label:** NPSAS institution control (with multiple)

**Name:** AIDCTRL

**Description:** Control of the NPSAS sample institution attended during the 2015-16 academic year for students who attended only one institution (STUDMULT=1).

**Source:** IPEDS:16, NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, NSC:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	45.01	Public
2	41.76	Private nonprofit
3	8.71	Private for-profit
4	4.51	Attended more than one institution

Weight used in frequency: (WTA000)

**Notes:** This variable is the same as CONTROL except it indicates those who attended more than one institution in a separate category. Control (of an institution) is a classification of whether an institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials (private control). This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Code:** AIDCTRL=CONTROL;

IF STUDMULT>1 THEN AIDCTRL=4;

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution type: Graduate (with multiple)

**Name:** AIDSECTG

**Description:** Type of NPSAS sample institution attended during the 2015-16 academic year, for students who attended only one institution.

**Source:** IPEDS:16, NPSAS:16 Interview, NSLDS:16, NPSAS:16 Student Records, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	4.35	Public 4-year non-doctorate-granting
2	40.67	Public 4-year doctorate-granting
3	5.89	Private nonprofit 4-year non-doctorate-granting
4	35.88	Private nonprofit 4-year doctorate-granting
5	8.71	Private for-profit 4-year
6	4.51	Attended more than one institution

Weight used in frequency: (WTA000)

**Notes:** This variable uses the categories from SECTOR11 and indicates those who attended more than one institution (STUDMULT>1) in a separate category.

**Applies to:** All graduate respondents.

**Subject:** Institution type

**Label:** Carnegie Classification (2000) for NPSAS institution

**Name:** CC2000

**Description:** The 2000 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2000 edition classifies institutions based on their degree-granting activities from 1995-96 through 1997-98.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	31.22	Doctoral/research universities-extensive
2	15.59	Doctoral/research universities-intensive
3	28.77	Master's colleges and universities I
4	4.09	Master's colleges and universities II
5	1.44	Baccalaureate colleges-liberal arts
6	2.33	Baccalaureate colleges-general
7	0.33	Baccalaureate/associate's colleges
8	1.05	Associate's colleges
9	1.02	Specialized-theological seminaries
10	2.96	Specialized-medical schools and centers



11	0.64	Specialized-other separate health prof schools
12	0.23	Specialized-engineering and technology
13	1.76	Specialized-business and management
14	0.75	Specialized-art, music, and design
15	0.43	Specialized-schools of law
16	0.02	Specialized-teachers colleges
17	1.77	Specialized-other specialized
18	0.00	Tribal colleges and universities
19	5.60	Private for-profit degree-granting

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. For definitions and detailed information on classification procedures, refer to the Carnegie Foundation website and the Technical Report on the 2000 edition: [http://classifications.carnegiefoundation.org/downloads/2000\\_edition\\_data\\_printable.pdf](http://classifications.carnegiefoundation.org/downloads/2000_edition_data_printable.pdf).

Non-degree granting or other institutions that had not been assigned a Carnegie Classification were classified according to their highest degree offered (HLOFFER) and control (CONTROL). Categories 19 (unclassified private for-profit degree-granting) and 20 (not degree-granting) were created for completeness, and are not part of the actual Carnegie Classification.

Additional Notes:

1. Text of category definitions is subject to change in the published edition.
2. Some Classification categories are different from previous editions.
3. The 2000 "Doctoral/Research Universities" categories are not comparable with categories previously used to differentiate doctorate-granting institutions.
4. The 2000 "Baccalaureate Colleges" categories are not comparable with categories previously used to differentiate baccalaureate institutions.

For more information visit: <http://classifications.carnegiefoundation.org>.

**Code:** [CC2000 was first converted to contiguous categories 1 to 18; if missing, it was derived as follows]

IF HLOFFER IN (1,2) THEN CC2000=20;

ELSE IF CONTROL=3 AND HLOFFER>2 THEN CC2000=19;

ELSE IF HLOFFER IN (3,4) THEN CC2000=8;

ELSE IF HLOFFER IN (5,6) THEN CC2000=6;

ELSE IF HLOFFER IN (7,8) THEN CC2000=4;

ELSE IF HLOFFER=9 THEN CC2000=2;

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Carnegie Classification 2010: Basic classification

**Name:** CC2010B

**Description:** The "basic" Carnegie Classification is an update of the classification framework originally developed in 1970 by the Carnegie Commission on Higher Education, and first published in 1973 for use in research on higher education.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
3	0.00	Associate's-Public Rural-serving Large
5	0.00	Associate's-Public Suburban Multi-campus
7	0.00	Associate's-Public Urban Multi-campus
10	0.01	Associate's-Private For-profit
12	0.01	Associate's-Public 4-year Primarily Associate's
14	0.19	Associate's-Private f-p 4-year Primarily Assoc

15	24.66	Research (very high research activity)
16	13.88	Research (high research activity)
17	12.99	Doctoral/Research Universities
18	28.78	Master's (larger programs)
19	4.47	Master's (medium programs)
20	2.89	Master's (smaller programs)
21	1.08	Baccalaureate Colleges-Arts and Sciences
22	1.74	Baccalaureate Colleges-Diverse Fields
23	0.26	Baccalaureate/Associate's Colleges
24	0.99	Special Focus-Theological
25	3.18	Special Focus-Medical
26	2.31	Special Focus-Other health professions
27	0.02	Special Focus-Engineering
28	0.13	Special Focus-Other technology
29	0.80	Special Focus-Business/management
30	0.75	Special Focus-Art, music, and design
31	0.74	Special Focus-Law
32	0.11	Special Focus-Other special-focus
33	0.00	Tribal Colleges

Weight used in frequency: (WTA000)

**Notes:** Although this classification has undergone many changes over the years, the 2010 release involved some significant changes from previous editions.

For details of the 2010 Basic Classification see the Carnegie Foundation website: <http://carnegieclassifications.iu.edu>  
Classifications are time-specific snapshots of institutional attributes and behavior based on data from 2008 to 2010 and collectively they depict the most current landscape of U.S. colleges and universities. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. Some values are calculated from the institution type (SECTOR1) and highest level of postsecondary degree or award offered (HLOFFER) in 2015-16. Institutions might be classified differently using a different timeframe. Individual classifications were not updated with more recent data. The framework is currently maintained by the Center for Postsecondary Research at Indiana University.

**Code:** [if missing, CC2010B was derived as follows]

```
IF HLOFFER IN (1,2) THEN CC2010B=34;
ELSE IF SECTOR1=2 THEN CC2010B=11;
ELSE IF SECTOR1=5 THEN CC2010B=9;
ELSE IF SECTOR1=8 THEN CC2010B=10;
ELSE IF HLOFFER=5 THEN CC2010B=23;
ELSE IF HLOFFER=7 THEN CC2010B=20;
ELSE IF HLOFFER=9 THEN CC2010B=17;
ELSE CC2010B=CC2015B;
```

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Carnegie Classification 2010: Basic classification (collapsed)

**Name:** CC2010C

**Description:** A collapsed version of the Carnegie basic institution classification code (CC2010B).

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.22	Associate's
2	51.53	Research & Doctoral
3	36.13	Master's
4	3.08	Baccalaureate
5	9.04	Special Focus & other

Weight used in frequency: (WTA000)

**Notes:** Classifications are time-specific snapshots of institutional attributes and behavior based on data from 2008 to 2010. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. Some values are calculated from the institution type (SECTOR1) and highest level of postsecondary degree or award offered (HLOFFER) in 2015-16. Institutions might be classified differently using a different timeframe.

For more information visit: <http://carnegieclassifications.iu.edu>

**Code:** IF 1<=CC2010B<=14 THEN CC2010C=1;

IF 15<=CC2010B<=17 THEN CC2010C=2;

IF 18<=CC2010B<=20 THEN CC2010C=3;

IF 21<=CC2010B<=23 THEN CC2010C=4;

IF 24<=CC2010B<=33 THEN CC2010C=5;

IF CC2010B=34 THEN CC2010C=6;

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Carnegie Classification 2015: Basic classification

**Name:** CC2015B

**Description:** The "basic" Carnegie Classification is an update of the classification framework originally developed in 1970 by the Carnegie Commission on Higher Education, and first published in 1973 for use in research on higher education.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
14	0.03	Baccalaureate/Associate's Colleges: Associate's Dominant
15	27.02	Doctoral Universities: Highest Research Activity
16	13.24	Doctoral Universities: Higher Research Activity
17	14.18	Doctoral Universities: Moderate Research Activity
18	27.89	Master's Colleges & Universities: Larger Programs
19	3.89	Master's Colleges & Universities: Medium Programs
20	1.37	Master's Colleges & Universities: Small Programs
21	0.82	Baccalaureate Colleges: Arts & Sciences Focus
22	0.92	Baccalaureate Colleges: Diverse Fields
23	0.23	Baccalaureate/Associate's Colleges: Mixed Baccalaureate/Associate's
24	1.07	Special Focus Four-Year: Faith-Related Institutions
25	3.18	Special Focus Four-Year: Medical Schools & Centers
26	2.89	Special Focus Four-Year: Other Health Professions Schools
27	0.02	Special Focus Four-Year: Engineering Schools
28	0.16	Special Focus Four-Year: Other Technology-Related Schools

29	1.22	Special Focus Four-Year: Business & Management Schools
30	0.75	Special Focus Four-Year: Arts, Music & Design Schools
31	0.74	Special Focus Four-Year: Law Schools
32	0.36	Special Focus Four-Year: Other Special Focus Institutions
33	0.00	Tribal Colleges

Weight used in frequency: (WTA000)

**Notes:** The framework is currently maintained by the Center for Postsecondary Research at Indiana University. For details of the 2015 Basic Classification see <http://carnegieclassifications.iu.edu/methodology/basic.php>. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. Classifications are time-specific snapshots of institutional attributes and behavior based on 2013-14 data.

**Code:** [if missing, CC2015B was derived as follows]

IF HLOFFER IN (1,2) THEN CC2015B=34;  
ELSE IF SECTOR1=2 THEN CC2015B=11;  
ELSE IF SECTOR1=5 THEN CC2015B=9;  
ELSE IF SECTOR1=8 THEN CC2015B=10;  
ELSE IF HLOFFER=5 THEN CC2015B=23;  
ELSE IF HLOFFER=7 THEN CC2015B=20;  
ELSE IF HLOFFER=9 THEN CC2015B=17;

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Carnegie Classification 2015: Basic classification (collapsed)

**Name:** CC2015C

**Description:** A collapsed version of the Carnegie basic institution classification code (CC2015B).

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.03	Associate's
2	54.44	Research & Doctoral
3	33.15	Master's
4	1.97	Baccalaureate
5	10.41	Special Focus & other

Weight used in frequency: (WTA000)

**Notes:** For details of the 2015 Basic Classification see <http://carnegieclassifications.iu.edu/methodology/basic.php>. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

Classifications are time-specific snapshots of institutional attributes and behavior based on 2013-14 data.

**Code:** IF 1<=CC2015B<=14 THEN CC2015C=1;

IF 15<=CC2015B<=17 THEN CC2015C=2;

IF 18<=CC2015B<=20 THEN CC2015C=3;

IF 21<=CC2015B<=23 THEN CC2015C=4;

IF 24<=CC2015B<=33 THEN CC2015C=5;

IF CC2015B=34 THEN CC2015C=6;

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Institutional control or affiliation

**Name:** CNTLAFFI

**Description:** The NPSAS institution's control or affiliation. These included both independent institutions and those affiliated with a religious organization.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

1	46.69	Public
2	10.34	Private for-profit
3	24.09	Private nonprofit, no religious affiliation
4	18.78	Private nonprofit, religious affiliation
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

Public institution: An educational institution whose programs and activities are operated by publicly elected or appointed school officials and which is supported primarily by public funds.

Private for-profit institution: A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

Private nonprofit institution: A private institution in which the individual(s) or agency in control receives no compensation, other than wages, rent, or other expenses for the assumption of risk. These include both independent private nonprofit schools and those affiliated with a religious organization.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution control

**Name:** CONTROL

**Description:** Control of the NPSAS sample institution attended during the 2015-16 academic year.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	46.69	Public
2	42.97	Private nonprofit
3	10.34	Private for-profit

Weight used in frequency: (WTA000)

**Notes:** Control of an institution is a classification of whether an institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials (private control). If the student attended more than one institution (STUDMULT>1), then the control reported in this variable may not necessarily be the same as where the student received financial aid. Use AIDCTRL to exclude those who attended more than one institution. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** Institutional category

**Name:** INSTCAT

**Description:** Institutional category of the NPSAS sample institution.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	4.96	Degree-granting, graduate with no UG degrees
2	94.61	Degree-granting, primarily baccalaureate or above
3	0.43	Degree-granting, primarily subbaccalaureate

Weight used in frequency: (WTA000)

**Notes:** This variable was derived using the level of offerings reported on the Integrated Postsecondary Education Data System (IPEDS) Institutional Characteristics component and the number and level of awards that were reported on the Completions component. For further information visit: <http://nces.ed.gov/ipeds/glossary/>

Additional category descriptions:

1) Degree-granting, graduate with no undergraduate degrees: offer only master's and doctor's degrees and do not offer

a bachelor's degree or an associate's degree.

2) Degree-granting, primarily baccalaureate or above: offer bachelor's, master's, and doctor's degrees. The total number of awards at or above the bachelor's level divided by the total number of awards is > 50%.

3) Degree-granting, not primarily baccalaureate or above: offer bachelor's, master's, and doctor's degrees. The total number of awards at or above the bachelor's level awarded divided by the total number of awards is <= 50%.

4) Degree-granting, associate's and certificates: offer an associate's degree and may offer other postsecondary certificates, awards/diplomas of <1 academic year; at least 1 but <2 academic years; at least 2 but <4 academic years. Includes institutions that offer post-baccalaureate and post-master's certificates and the highest degree offered is an associate's degree.

5) Non-degree-granting, above the baccalaureate: do not offer degrees, but offer either post-baccalaureate or post-master's certificates.

6) Non-degree-granting, subbaccalaureate: do not offer degrees or certificates above the baccalaureate level. They do offer postsecondary certificates, awards or diplomas of <1 academic year; at least 1 but <2 academic years; or at least 2 but <4 academic years.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution type (IPEDS sector)

**Name:** SECTOR1

**Description:** Sector of the NPSAS sample institution attended during the 2015-16 academic year.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	46.69	Public 4-year
4	42.97	Private nonprofit 4-year
7	10.34	Private for profit 4-year

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. For graduate students, SECTOR1 has the same meaning as CONTROL, because all the institutions in the sample have a highest program offering of 4-year or higher. Control (of an institution) is a classification of whether an institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials (private control). Level is a classification of whether an institution's highest program offering was 4-year or higher (4 year), 2-but-less-than-4-year (2 year), or less than 2-year. See INSTCAT for a similar variable that assigns level based on the predominant program offering instead of the highest.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution sector - 10 categories

**Name:** SECTOR10

**Description:** Type of the NPSAS sample institution attended during the 2015-16 academic year.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
3	4.59	Public 4-year non-doctorate-granting
4	42.10	Public 4-year doctorate-granting
6	6.25	Private nonprofit 4-year nondoctorate
7	36.72	Private nonprofit 4-year doctorate-granting
10	10.34	Private for profit 4-year

Weight used in frequency: (WTA000)

**Notes:** If the student attended more than one institution (STUDMULT>1), then this is not necessarily where the student received aid. Use AIDSECTG to exclude those who attended more than one institution. This variable can be used for direct comparisons with NPSAS:12. To differentiate public 4-year non-doctorate-granting institutions between those that primarily confer subbaccalaureate awards and those that primarily confer awards at and above the baccalaureate level, use SECTOR11.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution sector - 11 categories

**Name:** SECTOR11

**Description:** Type of the NPSAS sample institution attended during the 2015-16 academic year. These 11 sectors represent the strata used for sampling the institutions for the NPSAS study.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
3	0.02	Public 4-year non-doc-granting, primarily subbacc
4	4.57	Public 4-year non-doc-granting, primarily bacc
5	42.10	Public 4-year doctorate-granting
7	6.25	Private nonprofit 4-year nondoctorate
8	36.72	Private nonprofit 4-year doctorate-granting
11	10.34	Private for profit 4-year

Weight used in frequency: (WTA000)

**Notes:** Public 4-year non-doctorate-granting institutions are divided between those that confer at least half of awards below the bachelor's degree and those that confer the majority of awards at the bachelor's level or higher, which differs from past NPSAS studies. If the student attended more than one institution (STUDMULT>1), then this is not necessarily where the student received aid. Use AIDSECTG to exclude those who attended more than one institution.

**Applies to:** All respondents.

**Subject:** Institution type

**Label:** NPSAS institution sector (4 with multiple)

**Name:** SECTOR4

**Description:** Sector of the NPSAS sample institution attended during the 2015-16 academic year, for students who attended only one institution (STUDMULT=1) and a separate category for students who attended multiple institutions (STUDMULT > 1).

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, IPEDS:16, NSC:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	45.01	Public 4-year
2	41.76	Private nonprofit 4-year
4	8.71	Private for profit
5	4.51	Others or attended more than one school

Weight used in frequency: (WTA000)

**Notes:** This variable is a condensed version of AIDSECTG (three sectors instead of five sectors). For graduate students, SECTOR4 is also equivalent to CONTROL, with a separate category added for students who attended multiple institutions (STUDMULT>1). SECTOR4 was based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Code:** IF AIDSECTG IN (1,2) THEN SECTOR4=1;

ELSE IF AIDSECTG IN (3,4) THEN SECTOR4=2;

ELSE IF AIDSECTG=5 THEN SECTOR4=4;

ELSE SECTOR4=5;

**Applies to:** All respondents.

**Subject:** Institution: expenses

**Label:** Non-tuition expense budget (attendance adjusted)

**Name:** BUDNONAJ

**Description:** Student's total non-tuition expenses (attendance adjusted) in the student budget at the NPSAS institution in 2015-16.

Source: NSLDS:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.49	Positive values, see statistics below
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
266.00	120656.00	14106.45	9939.80

Weight used in frequency: (WTA000)

**Notes:** For students who attended one institution (STUDMULT=1) only. Equal to the sum of dollars budgeted by the institution for books and supplies, room and board, transportation and personal expenses; also equal to total budget (BUDGETAJ) minus tuition and fees (TUITION2). This variable was estimated for students based on the amounts reported for full-time, full-year students in student records or for Pell grant recipients in the National Student Loan Data System. BUDNONAJ is first based on the total cost of attendance for Pell grant awards minus tuition and fees. For non-Pell recipients, student records were used. If the non-tuition expense items were available from student records, this variable was set to the sum of all non-tuition expense items. If no student budget data were available or the value was set to missing for being out of range or incomplete, the non-tuition expenses were imputed based on the averages for students with the same dependency and residence status at the same or similar institutions. For students who were not enrolled full-time and full-year, this variable was adjusted for their attendance status. After these edits, the total budget including tuition and fees (BUDGETAJ) is compared to the student's total financial aid package. If BUDGETAJ is less than the total aid amount (TOTALD) minus private loans (PRIVLOAN) minus total Veterans' education benefits (VETTOT), then the non-tuition budget was adjusted (BUDNONAJ) along with the total budget (BUDGETAJ) to match. Effective July 1, 2009, Veterans' education benefits were no longer considered expected financial assistance to students for the purposes of awarding federal financial aid. Students who attended more than one institution (STUDMULT>1) were skipped, because non-tuition expenses at institutions other than the NPSAS institution are not collected.

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Institution: expenses

**Label:** Tuition jurisdiction

**Name:** INJURIS

**Description:** Indicates whether the tuition charged at NPSAS institutions was in or out of jurisdiction.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	53.03	No differential tuition charged
1	31.80	In-state tuition
2	15.17	Out-of-state tuition

Weight used in frequency: (WTA000)

**Notes:** Based on student records. Because of state reciprocity agreements and variations in the definition of residency for tuition purposes, out-of-state students (SAMESTAT=2) are not necessarily charged out-of-state tuition and fees. Not all programs at public institutions charge differential tuition based on residency. Most private nonprofit and private for-profit institutions do not charge differential tuition based on residency, however on occasion, certain schools or programs within these institutions can charge differential tuition based on residency. Note: In past NPSAS studies, all students attending private nonprofit or private for-profit institutions received a "skipped" value. In NPSAS:16, a value of zero was added to indicate "No differential tuition charged."

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Regional accreditation agency

**Name:** ACCREDREG

**Description:** Regional accreditation agency of the NPSAS institution

**Source:** Derived



**Descriptive Statistics:**

Value	Percentage	Value label
1	17.86	Middle States Commission on Higher Education
2	6.34	New England Association of Schools and Colleges
4	29.41	North Central Association of Colleges and Schools
5	3.72	Northwest Commission on Colleges and Universities
7	24.24	Southern Association of Colleges and Schools, Commission on Colleges
9	8.47	Western Association of Schools and Colleges - Sr. College
10	4.87	Other accreditation agency or more than one agency
-3	4.51	{Skipped}
-9	0.57	{Missing}

Weight used in frequency: (WTA000)

**Notes:** The regional, national, and specialized accreditation agencies currently recognized by the U.S. Department of Education are listed at <http://ope.ed.gov/accreditation/agencies.aspx>. Accreditation is described more generally at <http://www.ed.gov/accreditation>. Institutions may change accreditation agencies over time, and recognition of accreditation agencies by the Department may also change. Some institutions also have accreditation for specific programs of study such as law, nursing, or psychology.

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Institutional characteristics

**Label:** Accreditation type

**Name:** ACCREDTYP

**Description:** Type of institutional accreditation agency for the NPSAS institution.

**Source:** Derived

**Descriptive Statistics:**

Value	Percentage	Value label
1	90.36	Regional
2	1.73	National
3	0.59	Specialized
4	2.24	More than one type
-3	4.51	{Skipped}
-9	0.57	{Missing}

Weight used in frequency: (WTA000)

**Notes:** The regional, national, and specialized accreditation agencies currently recognized by the U.S. Department of Education are listed at <http://ope.ed.gov/accreditation/agencies.aspx>. Accreditation is described more generally at <http://www.ed.gov/accreditation>. Institutions may change accreditation agencies over time, and recognition of accreditation agencies by the Department may also change. Some institutions also have accreditation for specific programs of study such as law, nursing, or psychology.

**Applies to:** Respondents who attended one institution (STUDMULT = 1).

**Subject:** Institutional characteristics

**Label:** Institution calendar system

**Name:** CALSYS

**Description:** The NPSAS institution's academic calendar system. This variable was set using data obtained from the institution prior to institutional record data collection.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	80.73	Semester
2	8.04	Quarter
3	2.59	Trimester
4	2.14	4-1-4 calendar
5	6.25	Other academic year
6	0.14	Differs by program
7	0.01	Continuous
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Census division

**Name:** CENSUSDIV

**Description:** Geographic region where NPSAS sample institution is located

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	6.82	New England
2	14.06	Middle Atlantic
3	14.21	East North Central
4	10.07	West North Central
5	19.46	South Atlantic
6	5.79	East South Central
7	8.91	West South Central
8	8.29	Mountain
9	11.65	Pacific
10	0.73	Puerto Rico

Weight used in frequency: (WTA000)

**Notes:** The Census Bureau groups states within four geographic regions (Northeast, Midwest, South, and West) and further separates them into nine divisions. To view a map and listing of states in each region and division, follow: [https://www2.census.gov/geo/pdfs/maps-data/maps/reference/us\\_regdiv.pdf](https://www2.census.gov/geo/pdfs/maps-data/maps/reference/us_regdiv.pdf). Institutions in Puerto Rico are included in a separate category. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. NOTE: NPSAS:16 estimates are not representative at the regional, state, or territory level.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Clock hour only

**Name:** CLOCK

**Description:** Indicates whether instructional activity at the NPSAS institution is based on clock or credit hours.

**Source:** NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	94.73	Credit hours
3	0.55	Both contact and credit hours
-9	4.71	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable differs from its NPSAS:12 counterpart. In NPSAS:12, CLOCK was an indicator variable identifying clock hour institutions.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Distance from student's home (in miles) to NPSAS institution

**Name:** DISTANCE

**Description:** Distance in miles from student's home to NPSAS institution.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1.00	9188.00	282.71	552.46

Weight used in frequency: (WTA000)

**Notes:** This variable was calculated using the Point Distance tool in ESRI's ArcToolbox. This tool calculates a straight line distance between two points. The address and institution points were projected into the North America Equidistant Conic projection to maintain accurate distance measures. Distances less than one mile were set to one mile. All values were rounded to the nearest mile. The institution address is taken from the 2015-16 IPEDS Institutional Characteristics Header data collection. To filter out students whose entire program at NPSAS was taught online, use DISTALL.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers instruction exclusively online

**Name:** DISTNCED

**Description:** Indicates whether the NPSAS sample institution offers exclusively online education

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	95.06	No
1	4.85	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection and is an institution-level variable. To identify individual respondents who took some or all of their classes online, use DISTEDUC. To identify respondents whose entire degree program was taught online, use DISTALL.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** NPSAS institution fall enrollment

**Name:** ENRLSIZE

**Description:** Fall enrollment of the NPSAS sample institution from the Integrated Postsecondary Education Data System (IPEDS) (<http://nces.ed.gov/ipeds>).

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	99.90	Positive values, see statistics below
-9	0.10	{Missing}

Minimum	Maximum	Average	Standard Deviation
28.00	165743.00	20989.64	22420.09

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Historical black college indicator

**Name:** HBCU

**Description:** Indicates whether the NPSAS sample institution attended during the 2015-16 academic year is designated as a Historically Black College or University.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.50	No
1	1.50	Yes

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Highest level of offering at NPSAS institution

**Name:** HLOFFER

**Description:** Highest level of postsecondary degree or award offered at the NPSAS sample institution attended during the 2015-16 academic year. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
5	0.05	Bachelor's degree
6	0.00	Postbaccalaureate certificate
7	9.35	Master's degree
8	4.40	Post-master's certificate
9	86.20	Doctor's degree

Weight used in frequency: (WTA000)

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Degree of urbanization

**Name:** LOCALE

**Description:** The degree of urbanization in which the NPSAS institution is located. Locale codes identify the geographic status of a school on an urban continuum ranging from "large city" to "rural" based on a school's physical address.

Source: IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	35.43	City Large
2	16.31	City Midsize
3	14.62	City Small
4	19.06	Suburb Large
5	1.83	Suburb Midsize
6	1.63	Suburb Small
7	1.77	Town Fringe
8	4.76	Town Distant
9	2.89	Town Remote
10	1.56	Rural Fringe
11	0.10	Rural Distant
12	0.04	Rural Remote

Weight used in frequency: (WTA000)

**Notes:** The urban-centric locale codes introduced in this file are assigned through a methodology developed by the U.S. Census Bureau's Population Division in 2005. The urban-centric locale codes apply current geographic concepts to the original NCES locale codes used on IPEDS files through 2004.

Additional category descriptions:

- 1) City Large: Census-defined territory inside an urbanized area and inside a principal city with population of 250,000 or more.
- 2) City Midsize: Census-defined territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.
- 3) City Small: Census-defined territory inside an urbanized area and inside a principal city with population less than 100,000.
- 4) Suburb Large: Census-defined territory outside a principal city and inside an urbanized area with population of 250,000 or more.
- 5) Suburb Midsize: Census-defined territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.
- 6) Suburb Small: Census-defined territory outside a principal city and inside an urbanized area with population less than 100,000.
- 7) Town Fringe: Census-defined territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.
- 8) Town Distant: Census-defined territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.
- 9) Town Remote: Census-defined territory inside an urban cluster that is more than 35 miles of an urbanized area.
- 10) Rural Fringe: Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster.
- 11) Rural Distant: Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural.
- 12) Rural Remote: Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster.

Note: American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the Virgin Islands, were not assigned a locale code because the geographic and governmental structures of these entities do not fit the definitional scheme used to derive the code. This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** NPSAS institution region

**Name:** OBEREG

**Description:** Geographic region where NPSAS sample institution is located.

Source: IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	6.82	New England (CT ME MA NH RI VT)
2	18.34	Mideast (DE DC MD NJ NY PA)
3	14.21	Great Lakes (IL IN MI OH WI)
4	10.07	Plains (IA KS MN MO NE ND SD)
5	22.74	South East (AL AR FL GA KY LA MS NC SC TN VA WV)
6	10.73	Southwest (AZ NM OK TX)
7	4.58	Rocky Mountains (CO ID MT UT WY)
8	11.77	Far West (AK CA HI NV OR WA)
9	0.73	Puerto Rico

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics Header file. OBE region codes come from the Bureau of Economic Analysis. Estimates produced using NPSAS:16 are not representative for individual states or territories.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: two or more races

**Name:** PCTENR2M

**Description:** Percent of student body which is two or more races. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	90.00	Positive values, see statistics below
0	10.00	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	29.00	3.04	2.08

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: American Indian/Alaskan Native

**Name:** PCTENRAN

**Description:** Percent of student body which is American Indian/Alaskan Native for institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	26.87	Positive values, see statistics below

0	73.13	{Zero}
---	-------	--------

Minimum	Maximum	Average	Standard Deviation
1.00	88.00	1.39	1.51

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Asian/Pacific Islander

**Name:** PCTENRAP

**Description:** Percent of student body which is Asian/Pacific Islander. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	98.54	Positive values, see statistics below
0	1.46	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	65.00	6.67	6.55

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Asian

**Name:** PCTENRAS

**Description:** Percent of student body (undergraduate and graduate students combined) that is Asian for institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	98.04	Positive values, see statistics below
0	1.96	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	64.00	6.45	6.51

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: black, non-Hispanic

**Name:** PCTENRBK

**Description:** Percent of student body which is Black, non-Hispanic for institutions that reported fall enrollment data

from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	99.26	Positive values, see statistics below
0	0.74	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	97.00	12.27	13.44

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Hispanic

**Name:** PCTENRHS

**Description:** Percent of student body which is Hispanic. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	99.74	Positive values, see statistics below
0	0.26	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	100.00	10.87	13.00

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Native Hawaiian or other Pacific Islander

**Name:** PCTENRNH

**Description:** Percent of student body which is Native Hawaiian or other Pacific Islander. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	11.77	Positive values, see statistics below
0	88.23	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	1.17	0.84

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.



**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Nonresident Alien

**Name:** PCTENRNR

**Description:** Percent of student body which is nonresident Alien. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	87.66	Positive values, see statistics below
0	12.34	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	91.00	8.17	8.47

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: Race/ethnicity unknown

**Name:** PCTENRUN

**Description:** Percent of student body which is unknown race/ethnicity. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	93.44	Positive values, see statistics below
0	6.56	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	68.00	7.26	9.57

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Percent enrolled: white

**Name:** PCTENRWH

**Description:** Percent of student body which is White. For institutions that reported fall enrollment data from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	99.36	Positive values, see statistics below
0	0.64	{Zero}

Minimum	Maximum	Average	Standard Deviation
1.00	93.00	53.52	18.68

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Fall Enrollment file data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers employment services

**Name:** STUSERV1

**Description:** Indicates whether the NPSAS sample institution offers employment services for current students.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	9.38	No
1	90.52	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** Employment services are activities intended to assist students in obtaining part-time employment as a means of defraying part of the cost of their education. This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers placement services

**Name:** STUSERV2

**Description:** Indicates whether the NPSAS sample institution offers assistance for students in evaluating career alternatives and in obtaining full-time employment upon leaving the institution.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	15.02	No
1	84.88	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers on-campus child care

**Name:** STUSERV3

**Description:** Indicates whether the NPSAS sample institution offers on-campus day care for children of students.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	57.79	No
1	37.27	Yes
-3	4.85	{Skipped}
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection. To filter out students whose entire degree program at NPSAS was taught online, use DISTALL. To filter out students without young children, use DEPYNG.

**Applies to:** All respondents except those whose NPSAS sample institution offers instruction exclusively online (DISTNCED = 1).

**Subject:** Institutional characteristics

**Label:** NPSAS institution 12-month total enrollment

**Name:** TOTAL

**Description:** 12-month total enrollment of the NPSAS sample institution from IPEDS.

**Source:** IPEDS:15

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	99.90	Positive values, see statistics below
-9	0.10	{Missing}

Minimum	Maximum	Average	Standard Deviation
117.00	295886.00	26624.99	34837.53

Weight used in frequency: (WTA000)

**Notes:** TOTAL is an unduplicated count of students who were enrolled for credit over the 12-month period from July 1, 2014 to June 30, 2015. This variable is based on the 2014-15 IPEDS Unduplicated 12-month Enrollment file.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Tuition and fees paid

**Name:** TUITION2

**Description:** Tuition and fees at the sampled NPSAS institution for students who attended only one institution (STUDMULT=1) during the 2015-16 academic year.

**Source:** NPSAS:16 Student Records, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	95.49	Positive values, see statistics below
-3	4.51	{Skipped}

Minimum	Maximum	Average	Standard Deviation
50.00	93450.00	14791.67	14576.07

Weight used in frequency: (WTA000)

**Notes:** Students who attended more than one institution (STUDMULT>1) were skipped, because the tuition at institutions other than the NPSAS institution were not known. The tuition as reported by institutions was the primary source, edited and adjusted for attendance status if necessary. If tuition data were not available from institutions, tuition data were taken from the 2015-16 IPEDS Institutional Characteristics data collection and adjusted for attendance status.

**Applies to:** Respondents who attended one institution (STUDMULT=1).

**Subject:** Institutional characteristics

**Label:** Institution offers Yellow Ribbon Program for Veterans

**Name:** VETPROG1

**Description:** Indicates whether the NPSAS sample institution offers the Yellow Ribbon Program for Veterans.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	21.31	No
1	78.60	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers credit for military training

**Name:** VETPROG2

**Description:** Indicates whether the NPSAS sample institution offers credit for military training to military students and Veterans.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	26.77	No
1	73.14	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable only indicates whether the institution offers the program, not whether the student participated in it. This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution offers dedicated point of contact for Veterans, military

**Name:** VETPROG3

**Description:** Indicates whether the NPSAS sample institution offers a dedicated point of contact for support services for Veterans, military students, and their families.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	14.21	No
1	85.69	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution has recognized student Veteran organization

**Name:** VETPROG4

**Description:** Indicates whether the NPSAS sample institution has a recognized student Veteran organization.

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	31.36	No
1	68.55	Yes

-9	0.10	{Missing}
----	------	-----------

Weight used in frequency: (WTA000)

**Notes:** This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Institutional characteristics

**Label:** Institution is member of Servicemembers Opportunity Colleges

**Name:** VETPROG5

**Description:** Institution is member of Servicemembers Opportunity Colleges

**Source:** IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	48.96	No
1	50.94	Yes
-9	0.10	{Missing}

Weight used in frequency: (WTA000)

**Notes:** Servicemembers Opportunity Colleges is a group of institutions that functions to expand and improve postsecondary opportunities for servicemembers worldwide. It is funded by the Department of Defense through a contract with the American Association of State Colleges and Universities. This variable is based on the 2015-16 IPEDS Institutional Characteristics data collection.

**Applies to:** All respondents.

**Subject:** Parents and family

**Label:** Parents' highest education level

**Name:** PAREduc

**Description:** The highest level of education achieved by a parent, stepparent, or guardian of the student.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	0.13	Do not know either parent's education level
1	3.78	Did not complete high school
2	13.26	High school diploma or equivalent
3	5.32	Vocational/technical training
4	6.83	Associate's degree
5	12.59	Some college but no degree
6	24.70	Bachelor's degree
7	20.08	Master's degree or equivalent
8	7.49	Doctoral degree - professional practice
9	5.81	Doctoral degree - research/scholarship

Weight used in frequency: (WTA000)

**Notes:** Indicates the higher education level of the student's parents, stepparents, or guardians as specified in the student interview. As of NPSAS:16, this could refer to the highest level of education of the student's mother, father, or stepmother, stepfather, other male guardian, or other female guardian. If one parent's education level was unknown, then the known level was used. FAFSA data were only used to aid in imputation, because the type of parent was indistinguishable (Parent 1 and Parent 2) and the categories only asked applicants to indicate one of the following levels for each parent:

- Middle school/Junior high school
- High school

- College or beyond
- Other/unknown

The first two categories from the FAFSA were used to impute at least one parent into 1 and 2, respectively. "College or beyond" was used to impute at least one parents' highest education into categories 3 through 9. The FAFSA instructs respondents to report information about non-biological parents like stepparents, guardians, or foster parents only if they have been legally adopted by that person.

**Applies to:** All respondents.

**Subject:** Parents and family

**Label:** Female parent's highest education level

**Name:** PARFEMED

**Description:** Student's female parent's highest level of education.

**Source:** NPSAS:16 Student Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	0.58	Do not know female parent's education level
1	7.82	Did not complete high school
2	21.61	High school diploma or equivalent
3	5.06	Vocational/technical training
4	8.62	Associate's degree
5	11.81	Some college but no degree
6	24.10	Bachelor's degree
7	14.65	Master's degree or equivalent
8	3.10	Doctoral degree - professional practice
9	2.17	Doctoral degree - research/scholarship
-3	0.47	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview. New to the NPSAS:16 student interview was the ability for respondents to select two parent types from a list of six options (mother, father, stepmother, stepfather, other female guardian, and other male guardian). This variable includes female gender responses: mother, stepmother, and other female guardians. For students who selected two female parental figures, the higher education level of the two was used. FAFSA data were only used to aid in imputation, because the type of parent was indistinguishable (Parent 1 and Parent 2) and the categories only asked applicants to indicate one of the following levels for each parent:

- Middle school/Junior high school
- High school
- College or beyond
- Other/unknown

The first two categories from the FAFSA were used to impute at least one parent into 1 and 2, respectively. "College or beyond" was used to impute at least one parents' highest education into categories 3 through 9.

**Applies to:** Respondents who reported an education level for at least one female parent.

**Subject:** Parents and family

**Label:** Male parent's highest education level

**Name:** PARMALED

**Description:** Student's male parent's highest level of education.

**Source:** NPSAS:16 Student Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.01	Do not know male parent's education level
1	7.71	Did not complete high school

2	20.16	High school diploma or equivalent
3	6.81	Vocational/technical training
4	6.36	Associate's degree
5	9.89	Some college but no degree
6	23.05	Bachelor's degree
7	13.51	Master's degree or equivalent
8	5.76	Doctoral degree - professional practice
9	4.12	Doctoral degree - research/scholarship
-3	0.63	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview. New to the NPSAS:16 student interview was the ability for respondents to select two parent types from a list of six options (mother, father, stepmother, stepfather, other female guardian, and other male guardian). This variable includes male gender responses: father, stepfather, and other male guardians. For students who selected two male parental figures, the higher education level of the two was used. FAFSA data were only used to aid in imputation, because the type of parent was indistinguishable (Parent 1 and Parent 2) and the categories only asked applicants to indicate one of the following levels for each parent:

- Middle school/Junior high school
- High school
- College or beyond
- Other/unknown

The first two categories from the FAFSA were used to impute at least one parent into 1 and 2, respectively. "College or beyond" was used to impute at least one parents' highest education into categories 3 through 9.

**Applies to:** Respondents who reported an education level for at least one male parent.

**Subject:** Parents and family

**Label:** Father's highest education level

**Name:** PDADED

**Description:** Student's father's highest level of education.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	2.00	Do not know father's education level
1	7.66	Did not complete high school
2	19.97	High school diploma or equivalent
3	6.70	Vocational/technical training
4	6.33	Associate's degree
5	9.82	Some college but no degree
6	22.95	Bachelor's degree
7	13.37	Master's degree or equivalent
8	5.67	Doctoral degree - professional practice
9	4.05	Doctoral degree - research/scholarship
-3	1.48	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview. New to the NPSAS:16 student interview was the ability for respondents to select two parent types from a list of six options (mother, father, stepmother, stepfather, other female guardian, and

other male guardian). Students who did not select "father" as either one of their parents received a "skipped" value for this item. For students with two fathers with different education levels, the higher value is used. FAFSA data were only used to aid in imputation, because the type of parent was indistinguishable (Parent 1 and Parent 2) and the categories only asked applicants to indicate one of the following levels for each parent:

- Middle school/Junior high school
- High school
- College or beyond
- Other/unknown

The first two categories from the FAFSA were used to impute at least one parent into 1 and 2, respectively. "College or beyond" was used to impute at least one parents' highest education into categories 3 through 9.

**Applies to:** Respondents who reported fathers' highest education level (PAR1 = 2 or PAR2 = 2).

**Subject:** Parents and family

**Label:** Mother's highest education level

**Name:** PMOMED

**Description:** Student's mother's highest level of education.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	0.58	Do not know mother's education level
1	7.82	Did not complete high school
2	21.61	High school diploma or equivalent
3	5.06	Vocational/technical training
4	8.62	Associate's degree
5	11.76	Some college but no degree
6	24.05	Bachelor's degree
7	14.62	Master's degree or equivalent
8	3.10	Doctoral degree - professional practice
9	2.16	Doctoral degree - research/scholarship
-3	0.62	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview. New to the NPSAS:16 student interview was the ability for respondents to select two parent types from a list of six options (mother, father, stepmother, stepfather, other female guardian, and other male guardian). Students who did not select "mother" as one of their parents received a "skipped" value for this item. For students with two mothers with different education levels, the higher value is used. FAFSA data were only used to aid in imputation, because the type of parent was indistinguishable (Parent 1 and Parent 2) and the categories only asked applicants to indicate one of the following levels for each parent:

- Middle school/Junior high school
- High school
- College or beyond
- Other/unknown

The first two categories from the FAFSA were used to impute at least one parent into 1 and 2, respectively. "College or beyond" was used to impute at least one parents' highest education into categories 3 through 9.

**Applies to:** Respondents who reported mothers' highest education level (PAR1 = 1 or PAR2 = 1).

**Subject:** Parents and family

**Label:** First sibling to go to college

**Name:** SIBCOLFT

**Description:** Indicates whether the student was the first sibling in his/her family to go to college.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------



0	55.92	Yes, first sibling to go to college
1	44.08	Not first sibling to go to college

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Do you have any brothers or sisters who went to college before you did?" [N16SIBCL]. A response of "no" was taken to mean the student was the first sibling in his/her family to go to college.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Age as of 12/31/2015

**Name:** AGE

**Description:** Student's age as of 12/31/2015.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
15.00	89.00	32.28	9.66

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, then the student interview was used. If both were not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Age groups as of 12/31/2015

**Name:** AGEGROUP

**Description:** Student's age as of 12/31/2015 (by group).

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	13.12	15-23
2	39.17	24-29
3	47.72	30 or above

Weight used in frequency: (WTA000)

**Notes:** See AGE for more information.

**Code:** IF 15<=AGE<=23 THEN AGEGROUP=1;

ELSE IF 24<=AGE<=29 THEN AGEGROUP=2;

ELSE IF AGE>=30 THEN AGEGROUP=3;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Asian type

**Name:** ASIANTYPE

**Description:** Type of Asian origin.

**Source:** NPSAS:16 Student Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	84.14	Not of Asian origin

1	4.55	Chinese
2	0.83	Filipino
3	5.57	Asian Indian
4	0.62	Vietnamese
5	1.55	Korean
6	0.44	Japanese
7	1.76	Other Asian origin
8	0.55	Mixed Asian origin

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview. Students who indicated more than one type of origin in the interview were classified as "mixed Asian origin."

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Citizenship

**Name:** CITIZEN2

**Description:** Student's citizenship status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	84.55	US citizen
2	3.40	Resident alien
3	12.05	Foreign or international student

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, then the student interview was used. If both were not available, then student records were used. Sources that indicated the respondent was a foreign student or resident alien were not used if the respondent also received federal (TFEDAID2) or state financial aid (STATEAMT). Interview respondents who indicated they were born in the United States were set to US citizens, regardless of the source priority described above.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Dependency status (4 categories)

**Name:** DEPEND4

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.14	Independent, no dependents, unmarried
3	14.59	Independent, no dependents, married
4	32.27	Independent, with dependents

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). Married but separated students were classified as married. All graduate students are considered independent in NPSAS and for federal financial aid.

**Code:** IF DEPANY=0 AND SMARITAL=1 THEN DEPEND4=2;

IF DEPANY=0 AND SMARITAL>1 THEN DEPEND4=3;

IF DEPANY=1 THEN DEPEND4=4;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Dependency and marital status (separated is married)

**Name:** DEPEND5A

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.14	Independent, no dependents, unmarried
3	14.59	Independent, no dependents, married/separated
4	7.87	Independent, with dependents, unmarried
5	24.40	Independent, with dependents, married/separated

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). This variable classified married but separated students as married. DEPEND5B classified married but separated students as unmarried. All graduate students are considered independent in NPSAS and for federal financial aid purposes.

**Code:** DEPEND5A=DEPEND4;

IF DEPEND4=4 AND SMARITAL>1 THEN DEPEND5A=5;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Dependency and marital status (separated is unmarried)

**Name:** DEPEND5B

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.59	Independent, no dependents, unmarried/separated
3	14.14	Independent, no dependents, married
4	8.83	Independent, with dependents, unmarried/separated
5	23.44	Independent, with dependents, married

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). This variable classified married but separated students as unmarried. DEPEND5A classified married but separated students as married. All graduate students are considered independent in NPSAS and for federal financial aid purposes.

**Code:** IF DEPANY=0 AND SMARITAL IN (1,3) THEN DEPEND5B=2;

IF DEPANY=0 AND SMARITAL=2 THEN DEPEND5B=3;

IF DEPANY=1 AND SMARITAL IN (1,3) THEN DEPEND5B=4;

IF DEPANY=1 AND SMARITAL=2 THEN DEPEND5B=5;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Gender

**Name:** GENDER

**Description:** Student's gender.

**Source:** NPSAS:16 Interview, FAFSA:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

1	40.73	Male
2	59.27	Female

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used. If both were not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race: Hispanic or Latino origin

**Name:** HISPANIC

**Description:** Student is of Hispanic or Latino origin.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	90.17	No
1	9.83	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the student records were used. See HISPTYPE for type of Hispanic or Latino origin.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Hispanic type

**Name:** HISPTYPE

**Description:** Type of Hispanic or Latino origin.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	90.17	Not Hispanic or Latino origin
1	0.73	Cuban descent
2	3.69	Mexican, Mexican-American, or Chicano descent
3	1.71	Puerto Rican descent
4	3.17	Other Spanish, Hispanic, or Latino descent
5	0.53	Mixed Hispanic origin

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview, students who indicated more than one type of origin in the interview were classified as "mixed Hispanic origin."

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** At risk of homelessness or homeless

**Name:** HOMELESS2

**Description:** Student is at risk of homelessness or homeless. This is not a direct measure of homelessness.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	91.54	No
1	8.46	Yes

Weight used in frequency: (WTA000)

**Notes:** This is not a direct measure of homelessness. It includes some students who were determined by a professional to be homeless (via the FAFSA), but predominantly measures student-determined "risk of homelessness." This variable was derived using responses to items on the 2015-16 FAFSA, first. If not available, responses to the student interview item, "At any time on or after July 1, 2015, were you determined to be self-supporting and also at risk of being homeless?" [N16EHOMEL] were used. This variable should not be compared to past NPSAS indicators of homelessness because previous versions applied only to students 23 years of age and younger, and did not include student-reported "risk of homelessness" responses.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Age when arrived in the United States

**Name:** IMMIAGE

**Description:** The student's age when arrived in the U.S.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	2.70	5 years old or younger
2	0.86	6 to 8 years old
3	0.93	9 to 11 years old
4	0.07	12 to 14 years old
5	1.51	15 to 17 years old
6	17.26	18 years or older
-3	76.67	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Valid values include students with one or two US-born parents. To filter out these students, use PARBORN.

**Applies to:** Respondents who were not born in the United States (USBORN=0).

**Subject:** Student's characteristics

**Label:** Immigrant generational status

**Name:** IMMIGEN

**Description:** Number of generations the student's family has been in the United States.

**Source:** NPSAS:16 Interview, FAFSA:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	9.14	First generation immigrant
2	9.08	Second gen immigrant (both parents foreign-born)
3	4.24	Second gen immigrant (one parent foreign-born)
4	65.49	Third generation immigrant or higher
-3	12.05	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Additional descriptions for the categories:

1. First generation immigrant (Foreign born citizens, resident aliens, and eligible non-citizens with foreign-born parent(s))

2. Second generation immigrant (US-born citizens with both parents foreign-born)

3. Second generation immigrant (US-born citizen with one parent foreign-born)

4. Third generation or higher immigrant (US- or foreign-born citizens with US born parents)

NOTE: First and second generation immigrant categories (IMMIGEN in (1 2 3)) include students with one or two US-born parents. To filter out these students, use PARBORN.

**Code:** IF IMMIGRA=1 THEN IMMIGEN=-3;

ELSE IF PARBORN IN (2,3) AND IMMIGRA IN (2,3) THEN IMMIGEN=1;  
 ELSE IF PARBORN=3 and IMMIGRA=4 THEN IMMIGEN=2;  
 ELSE IF PARBORN=2 and IMMIGRA=4 THEN IMMIGEN=3;  
 ELSE IF PARBORN=1 AND IMMIGRA IN (2,3,5) THEN IMMIGEN=4;  
**Applies to:** Respondents who were not foreign students with visas (IMMIGRA>1).

**Subject:** Student's characteristics

**Label:** Immigrant status

**Name:** IMMIGRA

**Description:** Student's immigrant status.

**Source:** NPSAS:16 Interview, FAFSA:16, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	12.05	Foreign student with visa
2	3.40	Resident alien or eligible non-citizen
3	7.88	Foreign born citizen
4	13.33	US born citizen, foreign born parent(s)
5	63.34	All other citizens

Weight used in frequency: (WTA000)

**Code:** IF CITIZEN2=3 THEN IMMIGRA=1;  
 ELSE IF CITIZEN2=2 THEN IMMIGRA=2;  
 ELSE IF CITIZEN2=1 THEN DO;  
 IF USBORN=0 THEN IMMIGRA=3;  
 ELSE IF USBORN=1 AND PARBORN>1 THEN IMMIGRA=4;  
 ELSE IMMIGRA=5;  
 END;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Degree of urbanization of student's permanent address

**Name:** LOCALEST

**Description:** Degree of urbanization of student's permanent address.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	19.29	City Large
2	8.56	City Midsize
3	7.34	City Small
4	31.33	Suburb Large
5	3.13	Suburb Midsize
6	1.55	Suburb Small
7	1.84	Town Fringe
8	2.36	Town Distant
9	1.54	Town Remote
10	6.81	Rural Fringe
11	3.40	Rural Distant

12	0.79	Rural Remote
-3	12.05	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** This variable was created using "select by location" methods within ESRI's ArcMap following instructions provided at [http://nces.ed.gov/ccd/rural\\_locales.asp](http://nces.ed.gov/ccd/rural_locales.asp) for new urban-centric locale codes. The data sources used for this analysis were 2010 US Decennial Census data for principal city and urbanized area populations. Topologically Integrated Geographic Encoding and Referencing (TIGER) 2015 was used for urban area/urban cluster and principal city boundaries.

**Applies to:** All respondents who had a permanent residence in the 50 states, District of Columbia, or Puerto Rico (STUSTATE < 53).

**Subject:** Student's characteristics

**Label:** Military type

**Name:** MILTYPE

**Description:** Student's type of military service or Veteran status during the 2015-16 academic year.

**Source:** VBA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	93.26	No military service
1	1.38	Active duty
2	0.27	Reserves or National Guard
3	5.09	Veteran

Weight used in frequency: (WTA000)

**Notes:** Based on data from the Veterans Benefits Administration (VBA). Students who were on active duty at any time during the 2015-16 academic year were set to active duty. Students who were in the Reserves or National Guard in 2015-16, but had completed a prior term of service in the US military were set to Veteran. Service in the Reserves or National Guard was identified using responses to the student interview if the student had not already been identified as being on active duty or a Veteran according to the VBA. To analyze military type that gives priority to responses on the FAFSA over data from the VBA, use MILTYPE2. MILTYPE2 is more comparable to the variable MILTYPE from past NPSAS studies.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Military type (for dependency)

**Name:** MILTYPE2

**Description:** Student's type of military service or Veteran status (for dependency and federal aid) during the 2015-16 academic year.

**Source:** FAFSA:16, VBA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	93.27	No military service
1	1.38	Active duty
2	0.26	Reserves or National Guard
3	5.09	Veteran

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, data from the Veterans Benefits Administration (VBA) were used. Service in the Reserves or National Guard was identified using responses to the student interview if the student had not already been identified as being on active duty or a Veteran according to CPS or the VBA. Because of the timing associated with filing a FAFSA, a student's military status could have changed from when the application was filed and the end of the 2015-16 academic year. This variable gives preference to responses on the FAFSA and is more comparable to the variable MILTYPE in past NPSAS studies. To analyze military type that

gives priority to data from the VBA, use MILTYPE.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Orphan, ward of court, emancipated minor, or in legal guardianship

**Name:** ORPHAN2

**Description:** Student is an orphan, ward of the court, emancipated minor, or in legal guardianship

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	97.39	No
1	2.61	Yes

Weight used in frequency: (WTA000)

**Notes:** Indicates the student is an orphan, ward of the court, emancipated minor, in legal guardianship or foster care. Responses to items on the 2015-16 FAFSA were used, first. If not available, the student interview was used. It was also set to "yes" if the student indicated in the student interview that both parents or guardians were deceased. In previous NPSAS studies, this variable applied only to students 23 years of age and younger. This variable should not be compared to past NPSAS indicators for orphans.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Parent born in US, PR, or US Territory

**Name:** PARBORN

**Description:** Student's parent(s) were born in the United States, Puerto Rico, or US Territory.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	65.55	Both parents were born in the United States
2	4.80	One parent was born in the United States
3	29.65	Both parents were not born in the United States

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Were your parents born in the United States (including Puerto Rico or another U.S. territory)?" [N16FPARUS]

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Primary language spoken

**Name:** PRIMLANG

**Description:** Primary language the student learned to speak as a child.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	73.96	English
2	4.49	Spanish
3	1.34	English and Spanish equally
4	16.57	Another language
5	3.64	An equal mix of English and another language

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "What was the first language you learned to speak as a child?" [N16FFLANG]



**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Frequency of speaking non-English language with primary caregiver

**Name:** PRIMLGFAQ

**Description:** Frequency of speaking non-English language with primary caregiver.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	1.27	Never
1	2.83	Sometimes
2	2.67	About half of the time
3	5.12	Most of the time
4	14.14	Always
-3	73.96	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "How often did you speak Spanish [your non-English language] with your mother or primary caregiver when you started high school?" [N16FFFLANGA]

**Applies to:** Respondents who reported learning a first language other than English (PRIMLANG>1).

**Subject:** Student's characteristics

**Label:** Race: Asian

**Name:** RAASIAN

**Description:** Student is Asian.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	84.14	No
1	15.86	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on student interview; if not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race: Black or African American

**Name:** RABLACK

**Description:** Student is Black or African-American.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	83.67	No
1	16.33	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on student interview; if not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race/ethnicity (with multiple)

**Name:** RACE

**Description:** Student's race/ethnicity with Hispanic or Latino origin as a separate category.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	58.94	White
2	14.09	Black or African American
3	9.83	Hispanic or Latino
4	13.99	Asian
5	0.49	American Indian or Alaska Native
6	0.21	Native Hawaiian/other Pacific Islander
7	2.46	More than one race

Weight used in frequency: (WTA000)

**Notes:** Based on the census race categories (RACECEN), but a separate category was added for Hispanic or Latino origin (HISPANIC=1). See individual race variables for their number of responses: White (RAWHITE), Black or African American (RABLACK), Asian (RAASIAN), American Indian or Alaska Native (RAINDIAN), Native Hawaiian or other Pacific Islander (RAISLAND).

**Code:** RACE=RACECEN;

IF RACECEN>2 THEN RACE=RACECEN+1;

IF HISPANIC=1 then RACE=3;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race/ethnicity (with multiple) without foreign students

**Name:** RACE2

**Description:** Student's race/ethnicity with foreign students as a separate category.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	55.98	White
2	13.55	Black or African American
3	9.23	Hispanic or Latino
4	6.32	Asian
5	0.38	American Indian or Alaska Native
6	0.17	Native Hawaiian/other Pacific Islander
7	2.32	More than one race
8	12.05	Foreign students

Weight used in frequency: (WTA000)

**Notes:** This variable is based on race/ethnicity (RACE) with a separate category added for foreign students (CITIZEN2=3).

**Code:** IF CITIZEN2=3 THEN RACE2=8;

ELSE RACE2=RACE;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race/ethnicity census categories

**Name:** RACECEN

**Description:** Census categories for race of the student, exclusive of Hispanic origin. Respondents who indicated more than one race in the student interview are classified separately.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	66.09	White
2	14.88	Black or African American
3	14.60	Asian
4	0.80	American Indian or Alaska Native
5	0.46	Native Hawaiian/other Pacific Islander
6	3.18	More than one race

Weight used in frequency: (WTA000)

**Notes:** Use the individual race variables listed below to determine the combinations included in "more than one race":

[RAWHITE] White

[RABLACK] Black or African American

[RAASIAN] Asian

[RAINDIAN] American Indian or Alaska Native

[RAISLAND] Native Hawaiian or other Pacific Islander

**Code:** ARRAY CR RAWHITE RABLACK RAASIAN RAINDIAN RAISLAND;

RACESUM=SUM(OF RAWHITE RABLACK RAASIAN RAINDIAN RAISLAND);

IF RACESUM>1 THEN RACECEN=6;

ELSE DO I=1 TO 5;

IF CR{I}=1 THEN RACECEN=I;

END;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race/ethnicity (with multiple) and gender

**Name:** RACESEX

**Description:** Student's race/ethnicity and gender.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	0.22	American Indian or Alaska Native male
2	0.26	American Indian or Alaska Native female
3	7.71	Asian male
4	6.28	Asian female
5	4.34	Black or African American male
6	9.76	Black or African American female
7	3.96	Hispanic or Latino male
8	5.87	Hispanic or Latino female
9	0.10	Pacific Islander/Hawaiian male
10	0.12	Pacific Islander/Hawaiian female
11	23.46	White male
12	35.48	White female
13	0.94	Male of more than one race

14	1.52	Female of more than one race
----	------	------------------------------

Weight used in frequency: (WTA000)

**Notes:** Combines student's race/ethnicity (RACE) and gender (GENDER).

**Code:** IF GENDER=1 THEN DO;

IF RACE=5 THEN RACESEX=1;

IF RACE=4 THEN RACESEX=3;

IF RACE=2 THEN RACESEX=5;

IF RACE=3 THEN RACESEX=7;

IF RACE=6 THEN RACESEX=9;

IF RACE=1 THEN RACESEX=11;

IF RACE=7 THEN RACESEX=13;

END;

ELSE DO;

IF RACE=5 THEN RACESEX=2;

IF RACE=4 THEN RACESEX=4;

IF RACE=2 THEN RACESEX=6;

IF RACE=3 THEN RACESEX=8;

IF RACE=6 THEN RACESEX=10;

IF RACE=1 THEN RACESEX=12;

IF RACE=7 THEN RACESEX=14;

END;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race: American Indian or Alaska Native

**Name:** RAINDIAN

**Description:** Student is American Indian or Alaska Native.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	98.10	No
1	1.90	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on student interview; if not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race: American Indian or Alaska Native recognized tribe

**Name:** RAINDTRB

**Description:** The student is a member of a state- or federally-recognized tribe.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	1.49	No
1	0.42	Yes
-3	98.10	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Are you enrolled in a state- or federally-recognized tribe?" [N16FTRIBE]

**Applies to:** Respondents who are American Indian or Alaska Native (RAINDIAN=1).

**Subject:** Student's characteristics

**Label:** Race: Native Hawaiian or other Pacific Islander

**Name:** RAISLAND

**Description:** Student is Native Hawaiian or other Pacific Islander.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	99.14	No
1	0.86	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on student interview; if not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Race: White

**Name:** RAWHITE

**Description:** Student is White.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
0	31.22	No
1	68.78	Yes

Weight used in frequency: (WTA000)

**Notes:** First based on student interview; if not available, then the student records were used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Attend institution in state of legal residence

**Name:** SAMESTAT

**Description:** Indicates whether the sampled NPSAS institution was in the same state as the state of legal residence of the student.

**Source:** FAFSA:16, NPSAS:16 Student Records, NPSAS:16 Interview, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	56.26	Yes
2	31.68	No
3	12.05	Foreign or international student

Weight used in frequency: (WTA000)

**Notes:** The student's state is based on the variable STUSTATE, which first takes state of permanent residence from the federal financial aid application, then student records, and finally the student interview if neither one was available. The institution state is taken from the 2015-16 IPEDS Institutional Characteristics Header data collection.

**Code:** IF STUSTATE>0 AND INSTSTAT>0 THEN DO;

IF STUSTATE=INSTSTAT THEN SAMESTAT=1;

ELSE SAMESTAT=2;

END;

IF CITIZEN2=3 OR STUSTATE>52 THEN SAMESTAT=3;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Single parent, independent student

**Name:** SINGLPAR

**Description:** Identifies independent students who were single parents/caretakers during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

0	91.17	Not a single parent
1	8.83	Single parent

Weight used in frequency: (WTA000)

**Notes:** Students were considered to be single parents if they had any dependents (DEPANY=1), and were either not married or separated (SMARITAL=1 or 3). To be consistent with prior NPSAS studies (in which it was not always possible to distinguish dependent children from other dependents), this definition included dependents other than children and is best interpreted as single caretaker.

**Code:** IF SMARITAL IN (1,3) AND DEPANY=1 THEN SINGLPAR=1;

ELSE IF SMARITAL=2 OR DEPANY=0 THEN SINGLPAR=0;

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Marital status

**Name:** SMARITAL

**Description:** Student's marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
1	61.01	Single, divorced, or widowed
2	37.58	Married
3	1.41	Separated

Weight used in frequency: (WTA000)

**Notes:** Based on the marital status reported in the federal financial aid application. If not available, the student interview was used. If both were not available, student records were used. Note: The NPSAS:16 student interview included a separate response option for "Living with a partner in a marriage-like relationship." Respondents who selected this option were set to "1" for Single.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** State of legal residence

**Name:** STUSTATE

**Description:** Student's state of legal or permanent residence.

**Source:** FAFSA:16, NPSAS:16 Student Records, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
1	1.18	Alabama
2	0.29	Alaska
3	1.49	Arizona
4	0.58	Arkansas
5	8.13	California
6	1.96	Colorado
7	0.89	Connecticut
8	0.33	Delaware
9	0.31	District of Columbia
10	5.27	Florida
11	2.63	Georgia

12	0.44	Hawaii
13	0.35	Idaho
14	4.16	Illinois
15	1.71	Indiana
16	0.72	Iowa
17	0.90	Kansas
18	1.39	Kentucky
19	1.15	Louisiana
20	0.37	Maine
21	2.70	Maryland
22	2.32	Massachusetts
23	2.77	Michigan
24	1.44	Minnesota
25	0.92	Mississippi
26	2.10	Missouri
27	0.35	Montana
28	0.59	Nebraska
29	0.45	Nevada
30	0.61	New Hampshire
31	2.06	New Jersey
32	0.76	New Mexico
33	5.75	New York
34	3.58	North Carolina
35	0.29	North Dakota
36	2.89	Ohio
37	0.86	Oklahoma
38	0.78	Oregon
39	4.32	Pennsylvania
40	0.41	Rhode Island
41	1.14	South Carolina
42	0.12	South Dakota
43	1.87	Tennessee
44	6.61	Texas
45	0.76	Utah
46	0.26	Vermont

47	3.03	Virginia
48	1.69	Washington
49	0.37	West Virginia
50	1.07	Wisconsin
51	0.07	Wyoming
52	0.76	Puerto Rico
53	0.01	Overseas territories
54	12.05	Foreign countries

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, student records were used. If both were not available, the student interview was used.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Student type indicator

**Name:** STYPELST

**Description:** Student type at the NPSAS sample institution during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, NPSAS:16 Student Records, FAFSA:16, NSLDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
2	88.73	Other graduate students
3	11.26	Doctor's degree - professional practice

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview. If not available, institutional records were used. If both were not available, the federal financial aid application (FAFSA) was used. If the student type from the institutions and the FAFSA matched but contradicted the student interview response, the student type as indicated by the institutions and the FAFSA was assigned. Students who received graduate financial aid and also attended a 4-year institution were set to other graduate students. Students who were classified as dependents on the FAFSA or who attended less than 4-year institutions were set to undergraduates.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Born in the U.S. (student)

**Name:** USBORN

**Description:** The student was born in the United States.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	23.33	No
1	76.67	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "Were you born in the United States (including Puerto Rico or another U.S. territory)?" [N16FUSBORN]

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Veteran status

**Name:** VETERAN

**Description:** Student's Veteran status during the 2015-16 academic year.



**Source:** VBA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	94.71	Not a veteran
1	5.29	Veteran

Weight used in frequency: (WTA000)

**Notes:** Based on data from the Veterans Benefits Administration (VBA). To analyze Veteran status that gives priority to responses provided on the FAFSA over data from the VBA use VETERAN2. VETERAN2 is more comparable to the variable VETERAN from past NPSAS studies. Note, students who were on active duty during the 2015-16 academic year, but who completed this term of service before the end of the 2015-16 academic year are included as Veterans in this variable.

**Applies to:** All respondents.

**Subject:** Student's characteristics

**Label:** Veteran status (for dependency)

**Name:** VETERAN2

**Description:** Student's veteran status (for dependency and federal aid) during the 2015-16 academic year

**Source:** FAFSA:16, VBA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	94.91	Not a Veteran
1	5.09	Veteran

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, data from the Veterans Benefits Administration (VBA) were used. For students who filed a FAFSA, Veteran status could have changed from when the application was filed and the end of the 2015-16 academic year, because of the timing associated with completing the application. This variable (VETERAN2) gives preference to responses on the FAFSA and is more comparable to VETERAN from past NPSAS studies. To analyze Veterans based on data exclusively from the VBA, use VETERAN.

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: Has any dependents

**Name:** DEPANY

**Description:** Indicates whether the student had any dependents during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	67.73	No dependents
1	32.27	Has dependents

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, then the student interview was used. All students classified as dependent on the federal financial aid application were classified to have no dependents.

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: child in paid childcare

**Name:** DEPCARE

**Description:** The student had dependent children in paid daycare during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
-------	------------	-------------

0	10.45	No
1	11.32	Yes
-3	78.22	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "How many of your dependent children are in childcare that you pay for?" [N16ECARE]

**Applies to:** Respondents with dependent children eleven years old or younger (0<=DEPYNG<=11).

**Subject:** Student's family

**Label:** Dependents: Has dependent children

**Name:** DEPCCHILD

**Description:** Indicates whether the student has dependents who are children.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	69.31	No
1	30.69	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview and the federal financial aid application. This variable was set to "yes" if either source indicated "yes," regardless of what the other source indicated. If neither source indicated "yes," the variable was set to "no" if either source indicated "no."

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Independent students: Number of dependents in college

**Name:** DEPCOL

**Description:** Number of student's dependents in college during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	5.87	Positive values, see statistics below
0	26.40	{Zero}
-3	67.73	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	5.00	1.35	0.58

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used. Respondents with only one dependent child under the age of 15 were set to zero.

**Applies to:** Independent respondents who had dependents (DEPNUM>0).

**Subject:** Student's family

**Label:** Dependents: children in paid childcare - monthly costs

**Name:** DEPCOST

**Description:** The student's monthly daycare costs for dependent children during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
-------	------------	-------

Continuous	11.32	Positive values, see statistics below
-3	88.68	{Skipped}

Minimum	Maximum	Average	Standard Deviation
20.00	12000.00	717.94	591.90

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In the 2015-2016 school year, how much (on average) did you [and your spouse] pay each month for childcare? Indicate only the amount for which you [and your spouse] were responsible each month." [N16EDAYCST]

**Applies to:** Respondents with dependent children in paid childcare (DEPCARE=1).

**Subject:** Student's family

**Label:** Dependency status (4 categories)

**Name:** DEPEND4

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.14	Independent, no dependents, unmarried
3	14.59	Independent, no dependents, married
4	32.27	Independent, with dependents

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). Married but separated students were classified as married. All graduate students are considered independent in NPSAS and for federal financial aid.

**Code:** IF DEPANY=0 AND SMARITAL=1 THEN DEPEND4=2;

IF DEPANY=0 AND SMARITAL>1 THEN DEPEND4=3;

IF DEPANY=1 THEN DEPEND4=4;

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependency and marital status (separated is married)

**Name:** DEPEND5A

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.14	Independent, no dependents, unmarried
3	14.59	Independent, no dependents, married/separated
4	7.87	Independent, with dependents, unmarried
5	24.40	Independent, with dependents, married/separated

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). This variable classified married but separated students as married. DEPEND5B classified married but separated students as unmarried. All graduate students are considered independent in NPSAS and for federal financial aid purposes.

**Code:** DEPEND5A=DEPEND4;

IF DEPEND4=4 AND SMARITAL>1 THEN DEPEND5A=5;

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependency and marital status (separated is unmarried)

**Name:** DEPEND5B

**Description:** Student's dependency status including dependents and marital status during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Value label
2	53.59	Independent, no dependents, unmarried/separated
3	14.14	Independent, no dependents, married
4	8.83	Independent, with dependents, unmarried/separated
5	23.44	Independent, with dependents, married

Weight used in frequency: (WTA000)

**Notes:** Combines student dependency status, whether they have dependents (DEPANY), and marital status (SMARITAL). This variable classified married but separated students as unmarried. DEPEND5A classified married but separated students as married. All graduate students are considered independent in NPSAS and for federal financial aid purposes.

**Code:** IF DEPANY=0 AND SMARITAL IN (1,3) THEN DEPEND5B=2;

IF DEPANY=0 AND SMARITAL=2 THEN DEPEND5B=3;

IF DEPANY=1 AND SMARITAL IN (1,3) THEN DEPEND5B=4;

IF DEPANY=1 AND SMARITAL=2 THEN DEPEND5B=5;

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: Has any dependents (number)

**Name:** DEPNUM

**Description:** Number of student's dependents (children and others) during the 2015- 2016 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	32.27	Positive values, see statistics below
0	67.73	{No dependents}

Minimum	Maximum	Average	Standard Deviation
1.00	10.00	2.10	1.09

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used. Values larger than ten were set to ten.

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: Has dependent children (number)

**Name:** DEPNUMCH

**Description:** Number of dependent children of the student during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	30.69	Positive values, see statistics below
0	69.31	{No dependent children}

Minimum	Maximum	Average	Standard Deviation
1.00	10.00	1.87	0.95

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used. Values larger than ten were set to ten.

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: Has dependent(s) other than children (number)

**Name:** DEPNUMOT

**Description:** Number of dependent(s) other than dependent children of the student during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	6.62	Positive values, see statistics below
0	93.38	{No other dependents}

Minimum	Maximum	Average	Standard Deviation
1.00	7.00	1.54	0.81

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used.

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: monthly cost of supporting dependents other than children

**Name:** DEPOTCST

**Description:** Monthly cost of supporting dependents other than children in the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	6.62	Positive values, see statistics below
-3	93.38	{Skipped}

Minimum	Maximum	Average	Standard Deviation
75.00	10000.00	1056.22	983.88

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "In an average month, how much did you spend supporting these other people during the 2015-2016 school year? (Do not include any money spent to support your spouse or your children.)" [N16EOTDEPAMT]

**Applies to:** Respondents with dependents other than children (DEPOTHER=1).

**Subject:** Student's family

**Label:** Dependents: Has dependent(s) other than children

**Name:** DEPOTHER

**Description:** Indicates whether the student had dependents other than children.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	93.38	No
1	6.62	Yes

Weight used in frequency: (WTA000)

**Notes:** Based on the student interview and the federal financial aid application. This variable was set to "yes" if either source indicated "yes," regardless of what the other source indicated. If neither source indicated "yes," the variable was set to "no" if either source indicated "no."

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: Types of dependents

**Name:** DEPTYPE

**Description:** Type of student's dependents during the 2015-16 academic year.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Value label
0	67.73	No dependents
1	25.65	Has only dependent children
2	1.58	Has only dependents other than children
3	5.04	Has both dependent children and other dependents

Weight used in frequency: (WTA000)

**Notes:** Indicates whether the student has dependents who are their children, other than their children, or both.

**Code:** IF DEPCHILD=0 AND DEPOTHER=0 THEN DEPTYPE=0;

IF DEPCHILD=1 AND DEPOTHER=0 THEN DEPTYPE=1;

ELSE IF DEPCHILD=0 AND DEPOTHER=1 THEN DEPTYPE=2;

ELSE IF DEPCHILD=1 AND DEPOTHER=1 THEN DEPTYPE=3;

**Applies to:** All respondents.

**Subject:** Student's family

**Label:** Dependents: age of youngest child

**Name:** DEPYNG

**Description:** The age of the student's youngest child during the 2015-16 academic year.

**Source:** NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	27.50	Positive values, see statistics below
0	3.20	{Less than one year}
-3	69.31	{Skipped}

Minimum	Maximum	Average	Standard Deviation
1.00	25.00	8.68	6.35

Weight used in frequency: (WTA000)

**Notes:** Based on student interview question: "How old is your youngest dependent child?" [N16EDAGE]

**Applies to:** Respondents with dependent children (DEPCHILD=1).

**Subject:** Student's family

**Label:** Independent students: Family size

**Name:** SFAMNUM

**Description:** Family size of independent student during the 2015-16 academic year. Indicates the number of persons in the independent student's own family (including the student).

**Source:** FAFSA:16, NPSAS:16 Interview, NPSAS:16 Student Records

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1.00	12.00	2.05	1.44

Weight used in frequency: (WTA000)

**Notes:** If the student had no dependents (DEPEND5B=2,3), family size was assigned "1" if the student was single or separated; and "2" if the student was married. If the student had dependents (DEPEND5B=4,5), then the family size was set to the number of dependents (DEPNUM) plus 1 if student was single; and plus 2 if student was married.

**Code:** IF DEPEND5B=1 THEN SFAMNUM=-3;  
IF DEPEND5B=2 THEN SFAMNUM=1;  
IF DEPEND5B=3 THEN SFAMNUM=2;  
IF DEPEND5B=4 THEN SFAMNUM=DEPNUM+1;  
IF DEPEND5B=5 THEN SFAMNUM=DEPNUM+2;

**Applies to:** All graduate respondents.

**Subject:** Student's family

**Label:** Independent students: Number of family members in college

**Name:** SINCOL

**Description:** Number of persons in the independent student's household who attended college during the 2015-16 academic year. Includes the student, spouse, and dependents, if any.

**Source:** FAFSA:16, NPSAS:16 Interview

**Descriptive Statistics:**

Value	Percentage	Label
Continuous	100.00	Positive values, see statistics below

Minimum	Maximum	Average	Standard Deviation
1.00	6.00	1.14	0.42

Weight used in frequency: (WTA000)

**Notes:** First based on the federal financial aid application; if not available, then the student interview was used.

**Applies to:** All graduate respondents.

**Subject:** Student's family

**Label:** Independent students: Spouse attending college

**Name:** SPINCOL

**Description:** The student's spouse attended college during the 2015-16 academic year.

**Source:** NPSAS:16 Interview, FAFSA:16

**Descriptive Statistics:**

Value	Percentage	Value label
0	31.27	No
1	6.31	Yes
-3	62.42	{Skipped}

Weight used in frequency: (WTA000)

**Notes:** First based on the student interview; if not available, then the federal financial aid application was used.

**Applies to:** Respondents who are married (SMARITAL=2).

**Subject:** Survey sample

**Label:** Comparable to 1987 NPSAS

**Name:** COMPTO87

**Description:** Comparable to NPSAS:87 indicator.

**Source:** NPSAS:16 Student Records, NPSAS:16 Interview, NSC:16, NSLDS:16, IPEDS:16

**Descriptive Statistics:**

Value	Percentage	Value label
1	76.62	Enrolled in fall, not in Puerto Rico
2	0.69	Enrolled in fall, in Puerto Rico
3	0.04	Not enrolled in fall, in Puerto Rico
4	22.65	Not enrolled in fall, not in Puerto Rico

Weight used in frequency: (WTA000)

**Notes:** The NPSAS:87 study was based on fall enrollees in the 50 states and the District of Columbia but not Puerto Rico. This variable indicates fall enrollment (in September or October 2015) and whether the institution attended was in Puerto Rico. NOTE: NPSAS:16 estimates are not representative for any specific state or territory.

**Applies to:** All respondents.

Generated by PowerStats on 2/9/2018.